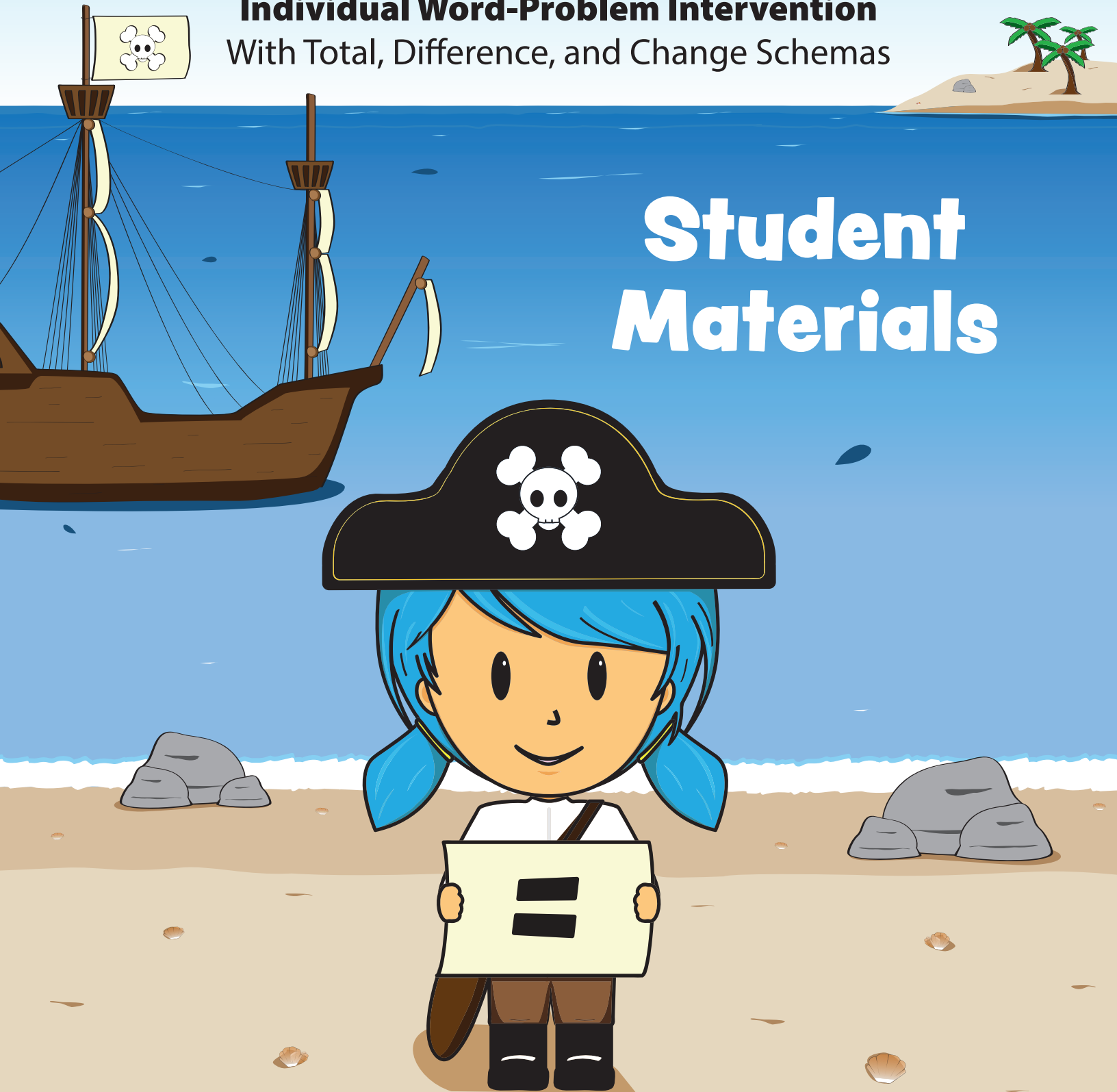


Pirate Math Equation Quest

Individual Word-Problem Intervention
With Total, Difference, and Change Schemas



Student Materials

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The Meadows Center
FOR PREVENTING EDUCATIONAL RISK

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with Total, Difference, and Change
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STUDENT MATERIALS

Sarah R. Powell & Katherine A. Berry

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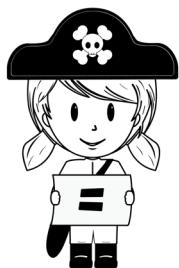
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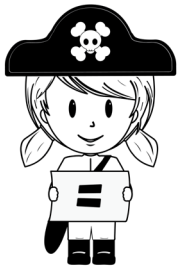
Introduction

Welcome to *Pirate Math Equation Quest*!

We designed this version of *Pirate Math Equation Quest* as an individual intervention for use with students at the third-grade instructional level. This version of the program was developed to offer support to Tier-2 and Tier-3 students who require supplemental mathematics remediation in the area of word-problem solving. The focus of the *Pirate Math Equation Quest* individual intervention is single-digit and double-digit additive word problems that include three schemas: Total, Difference, and Change.

This manual includes the Student Lesson Packets and accompanying Supplemental Materials (i.e., posters, maps, cards, graphs, and mats) necessary to implement *Pirate Math Equation Quest* with individual students. A separate Teacher Manual includes the teacher materials, including the Teacher Lesson Guides and Teacher Activity Guides, needed to implement *Pirate Math Equation Quest*.

Scientific evaluations of *Pirate Math Equation Quest* indicated that at-risk third-grade students (with and without mathematics disabilities) who performed in the lowest 13th percentile of their classes demonstrated improved word-problem performance with *Pirate Math Equation Quest* compared to students who did not participate in *Pirate Math Equation Quest* (Powell, Berry, & Barnes, 2019).



In This Manual

This Student Manual includes the following:

Introduction

- Basic information about implementing *Pirate Math Equation Quest*
- Explanation of Student Materials
- Explanation of Supplemental Materials
- Explanation of Other Materials

Student Lesson Packets 1-51

- Student Lesson Packets include all of the materials the student will need for each lesson. Each Lesson Packet includes 4 pages (1) Equation Quest worksheet (begins in Lesson 3; page 1), (2) Buccaneer Problem worksheet (pages 2-3), and (3) Jolly Roger Review worksheet (page 4).



Student Materials


The Student Materials needed for each lesson are organized in a packet by lesson. For example, the Student Lesson Packet for Lesson 6 is labeled Lesson 6 Student Lesson Packet.

Student Lesson Packets include the following 4 pages:

- (1) Equation Quest (beginning in Lesson 3; page 1)
- (2) Buccaneer Problems (pages 2-3)
- (3) Jolly Roger Review (page 4)

Pictured below is the Equation Quest worksheet, page 1, in the Lesson 6 Student Lesson Packet.

EQUATION QUEST: LESSON 6



equal sign: *the same as*

A. $5 + \underline{\quad} = 8$

B. $\underline{\quad} + 3 = 5$

=

All Student Lesson Packets include 4 pages, so the packets can be printed for students in a set prior to the lesson. Teachers should print the Student Lesson Packets double-sided with a staple in the top left-hand corner. *Note that page 1 of the Student Lesson Packets for Lessons 1 and 2 is blank because Equation Quest is introduced during Lesson 3.* The Student Lesson Packets for all 51 lessons are included in this manual.

After Equation Quest, students complete three Buccaneer Problems. Buccaneer Problems serve as a guided practice opportunity for students to solve word problems. Teachers provide support and feedback as needed.

Page 2, the front side of the Buccaneer Problems worksheet in the Lesson 6 Student Lesson Packet, is displayed below.

BUCCANEER PROBLEMS: LESSON 6




A. Mrs. Taylor bought 4 apples and 9 bananas. How many apples and bananas did Mrs. Taylor buy?

B. Alex found 3 shells and 8 rocks on the beach. He found 7 leaves in the woods. How many shells and rocks did Alex find on the beach?

Page 3, the back side of the Buccaneer Problems worksheet in the Lesson 6 Student Lesson Packet, is displayed below. Buccaneer Problems include three word-problems: Problems A, B, and C.

C. For a building project, the carpenter needs 32 nails and 56 screws. The carpenter has 2 hammers. How many nails and screws does the carpenter have altogether?

The final worksheet in the Student Lesson Packet is the Jolly Roger Review. The Jolly Roger Review is an independent practice activity that provides students the opportunity to demonstrate their understanding of learned concepts. Below is the Jolly Roger Review worksheet, page 4, in the Lesson 6 Student Lesson Packet.

 **JOLLY ROGER REVIEW: LESSON 6**

A. $11 - 9 = \underline{\quad}$

B. $3 + 2 = \underline{\quad}$

C. $9 + 0 = \underline{\quad}$

D. $12 - 4 = \underline{\quad}$

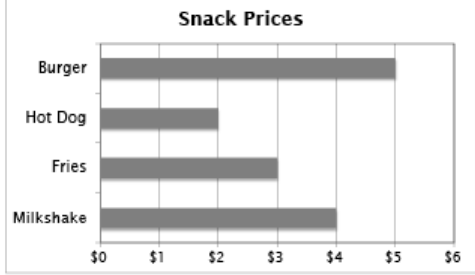
E. $4 + 6 = \underline{\quad}$

F.
$$\begin{array}{r} 32 \\ - 19 \\ \hline \end{array}$$

G.
$$\begin{array}{r} 59 \\ + 23 \\ \hline \end{array}$$

JOLLY ROGER REVIEW: LESSON 6

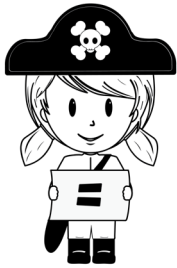
Snack Prices



Snack	Price
Burger	\$5
Hot Dog	\$2
Fries	\$3
Milkshake	\$4

How much do a milkshake and hot dog cost altogether?

Teachers score the top of the Jolly Roger Review worksheet as the number of addition and subtraction problems answered correctly. Teachers score the bottom of the Jolly Roger Review worksheet out of 2 points. Students earn one point for the correct number answer; students earn one point for the correct label answer. As needed, teachers provide feedback and a brief review to students.

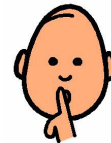


Supplemental Materials

Pirate Math Equation Quest includes five posters for teachers to display throughout the lessons. Templates for the posters are included in this manual. In the beginning lessons, teachers should display the Pirate Math Rules and Counting Up Addition and Subtraction posters pictured on this page and the following page.

Pirate Math Rules

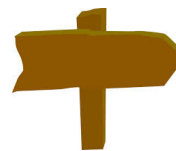
1. Use inside voice.



2. Stay seated.



3. Follow directions.



4. Try your best.



COUNTING UP Addition

1. Put the greater number in your fist and say it.
2. Count up the number that's less on your fingers.
3. The sum is the last number you say.

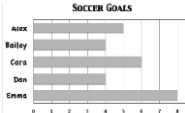
COUNTING UP Subtraction

1. Put the minus number in your fist and say it.
2. Count up your fingers to the number you start with.
3. The difference is the number of fingers you have up.

As teachers introduce the three schemas, Total, Difference, and Change, they need to display the RUN poster, pictured below, and the corresponding schema posters for students to reference. The RUN poster provides an attack strategy for students to use as they solve word problems.

RUN

If needed, number the graph



Player	Goals
Alex	3
Kelly	2
Cara	4
Dan	1
Emma	5

1. Read the problem
2. Underline the label and cross-out irrelevant info
3. Name the problem type

Total
Difference
Change


The schema posters, pictured below, provide specific steps for setting up and solving a word problem after identifying the correct schema. Total problems are introduced during Lesson 5, Difference problems are introduced during Lesson 17, and Change problems are introduced during Lesson 34.

TOTAL

1. Write $P1 + P2 = T$
2. Find T
3. Find P1 and P2
4. Write the signs
5. Find X

$P1 + P2 = T$

Does X make sense? Why?




DIFFERENCE

1. Write $G - L = D$
2. [Compare sentence] and label G and L
3. Find D
4. Find G and L
5. Write the signs
6. Find X

$G - L = D$

Does X make sense? Why?




CHANGE



1. Write $ST +/- C = E$
2. Find ST
3. Find C
4. Find E
5. Write the signs
6. Find X

$ST +/- C = E$

Does X make sense? Why?



After teachers have introduced the Total, Difference, and Change problems, they should display the What Do You Ask Yourself? poster, featured below. The What Do You Ask Yourself? poster, introduced during Lesson 38, provides a prompt for students to ask questions and gesture to determine the correct schema. We encourage teachers to use gestures to help students recall the three schemas. The Total gesture is introduced in Lesson 5. The Difference gesture is introduced in Lesson 17. The Change gesture is introduced in Lesson 34. Teachers can refer to the Lesson Guides to learn the specific schema gestures to model for students. Students often struggle to identify the correct problem type after all three schemas have been introduced. This poster helps students to distinguish between the Total, Difference, and Change schemas.

 **What Do You Ask Yourself?** 

T_{otal} Are parts put together into a total?

D_{ifference} Are two amounts compared for a difference?

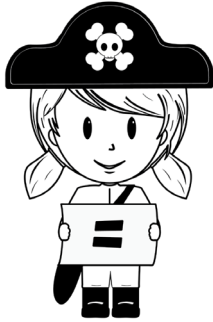
C_{hange} Is there a start amount that increases or decreases to a new amount?

During every lesson, teachers also display the Treasure Map. Throughout each lesson, students can earn coins for their Treasure Map for following the Pirate Math rules. When students reach the end of their Treasure Map, they earn a novelty prize from a treasure box.

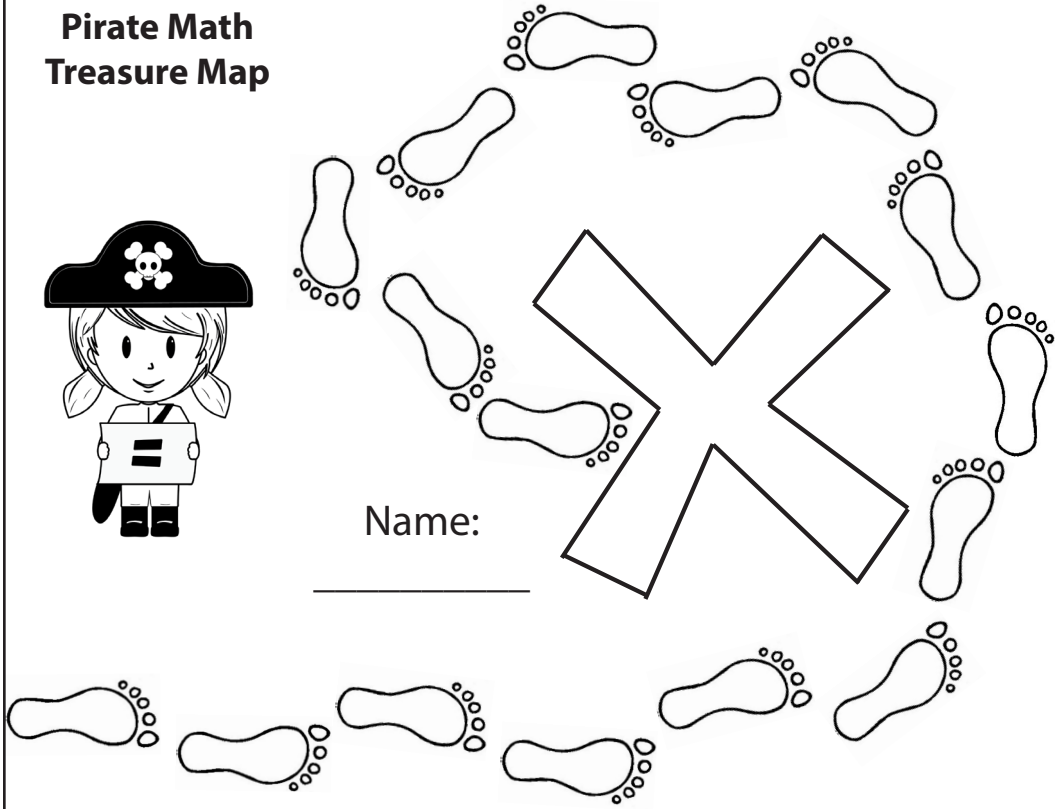
If teachers do not have coins, they can use stamps, stickers, or colored pencils to color the designated number of spaces on the Treasure Map. Similarly, teachers can use any prize bag or box if they do not have a treasure box.

On the following pages are four different variations of the Treasure Map. Teachers can choose one map or alternate maps depending on student preference. All four Treasure Map templates are included in this manual.

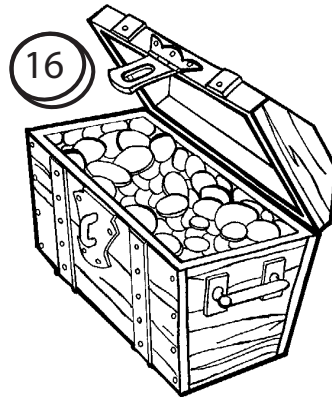
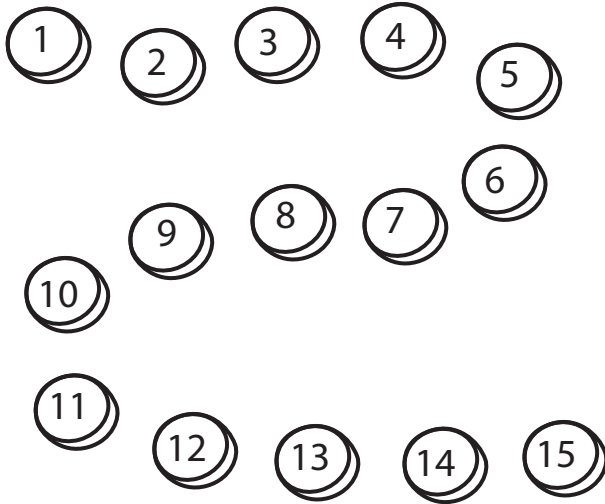
Pirate Math Treasure Map



Name: _____



Pirate Math Treasure Map



Name: _____

Name: _____

**Pirate Math
Treasure Map**

This activity page features a pirate-themed math exercise. It includes 18 identical pirate ships scattered across the page. On the left side, there are two palm trees on a small island. The text 'Pirate Math Treasure Map' is written in the bottom left corner. A name label with a blank line for writing is located in the top right corner.

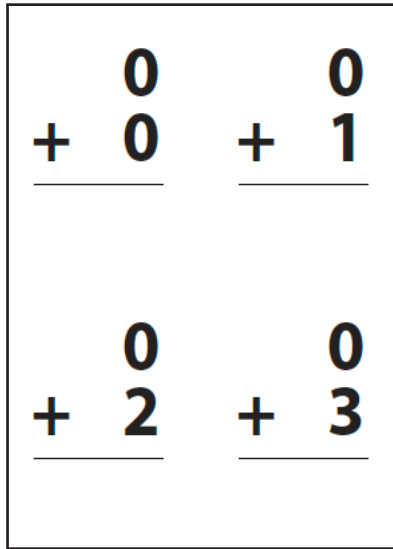
**Pirate Math
Treasure Map**

Name: _____

This activity page features a pirate-themed math exercise. It includes 15 identical parrots scattered across the page. In the bottom left corner, there is a cartoon illustration of a girl pirate wearing a skull-and-crossbones hat and holding a treasure chest. The text 'Pirate Math Treasure Map' is written in the top right corner. A name label with a blank line for writing is located in the bottom right corner.

For the Math Fact Flashcards Activity, teachers need to cut and print the Math Fact Flashcards and print the Math Fact Flashcards graph. Templates for the Math Fact Flashcards and the Math Fact Flashcards graph are included in this manual.

The Math Fact Flashcards include an addition or subtraction problem on the front side of the card and the correct answer on the back side of the card. It is recommended that teachers print these cards double-sided on cardstock. There are four problems per page; teachers should cut each page into fourths using a paper cutter.

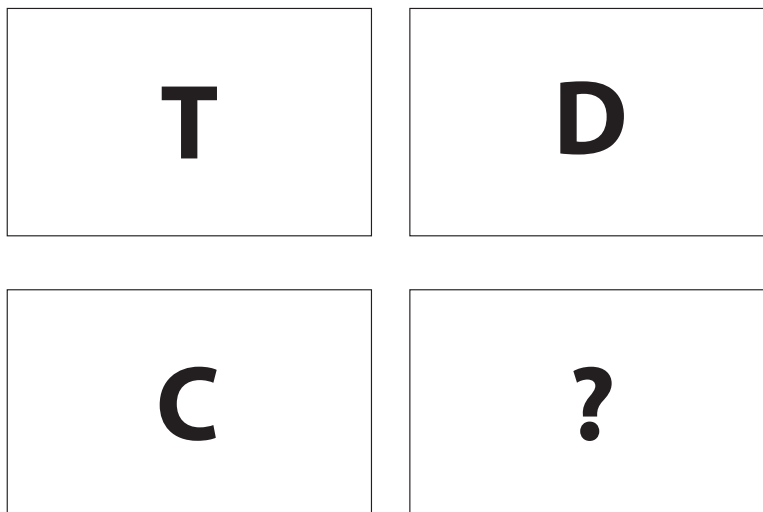


Teachers also need to print the Math Fact Flashcard Graph, pictured above, in advance of the lesson. At the end of the Math Fact Flashcards activity, students graph their higher score from the two trials on the graph below. Teachers should plan to copy extra graphs for easy access after students complete the first graph.

Math Fact Flash Card Graph	Student:
40	40
39	39
38	38
37	37
36	36
35	35
34	34
33	33
32	32
31	31
30	30
29	29
28	28
27	27
26	26
25	25
24	24
23	23
22	22
21	21
20	20
19	19
18	18
17	17
16	16
15	15
14	14
13	13
12	12
11	11
10	10
9	9
8	8
7	7
6	6
5	5
4	4
3	3
2	2
1	1
Day	

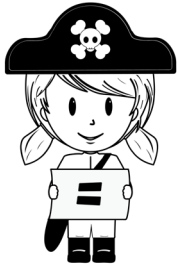
During Shipshape Sorting, which begins in Lesson 7, students participate in schema sorting practice using sorting cards and the sorting mat, displayed below. Templates for the Shipshape Sorting Mat and accompanying cards are included in this manual.

Shipshape Sorting



The Shipshape Sorting cards include a word problem on the front side of the card and the correct schema (i.e., T for Total, D for Difference, and C for Change) on the back side of the card. It is recommended that teachers print the Shipshape Sorting cards double-sided on cardstock. There are four word problems per page; teachers should cut each page into fourths using a paper cutter.

Jerry saw 3 sharks at the aquarium. He saw 2 turtles. How many sharks and turtles did Jerry see?	Dante's mom planted 8 trees and rose bushes in the yard. She planted 4 rose bushes. How many trees did she plant?
Ann and Elise sold 7 boxes of Girl Scout cookies. Elise sold 3 boxes. How many boxes of cookies did Ann sell?	Mrs. Towns spent \$4 at the grocery store and \$5 at the pet store. How much money did she spend in all?



Other Materials

Other Materials

The following materials are used throughout the program but are not included in this manual.

- Timer
- Cubes
- Gold coins
- Treasure box

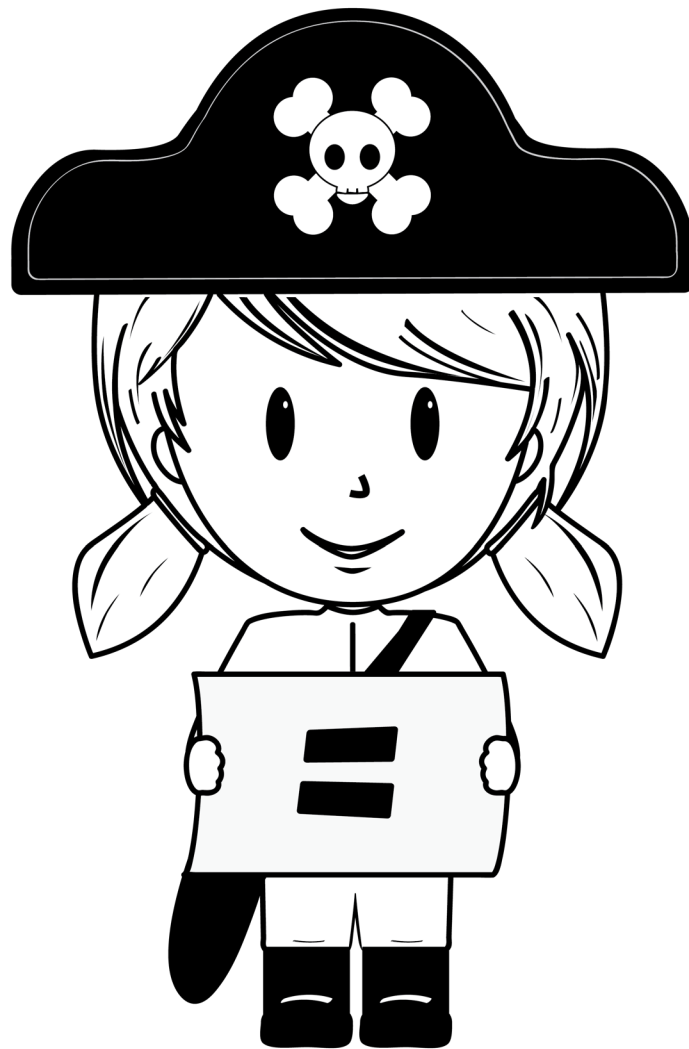
The timer is used during the timed activities: Math Fact Flashcards, Shipshape Sorting, and Jolly Roger Review.

Different colored unit cubes are used during Equation Quest to help students develop their pre-algebraic reasoning skills. The timer and cubes can be purchased from a teacher supply store or a mathematics manipulatives company.

The gold coins and treasure box are used throughout the lesson to reward students for following the Pirate Math rules. As previously mentioned, stamps, stickers, or colored pencils can substitute for gold coins. Teachers can use any prize bag or box if they do not have a treasure box.

For all lessons, teachers and students also need pencils.

Student Lesson Packets

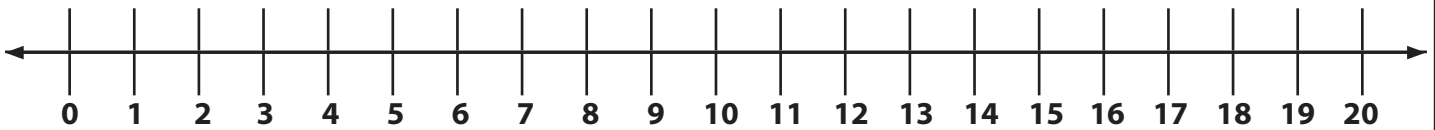


EQUATION QUEST: LESSON 1



Equation Quest starts in Lesson 3.

BUCCANEER PROBLEMS: LESSON 1



A. $5 + 3 = \underline{\quad}$

B. $4 + 2 = \underline{\quad}$

C. $7 + 3 = \underline{\quad}$

D. $3 + 4 = \underline{\quad}$

E. $6 + 4 = \underline{\quad}$

F. $5 + 8 = \underline{\quad}$

G. $7 + 6 = \underline{\quad}$

H. $8 + 9 = \underline{\quad}$

I. $9 - 4 = \underline{\quad}$

J. $8 - 2 = \underline{\quad}$

K. $15 - 8 = \underline{\quad}$

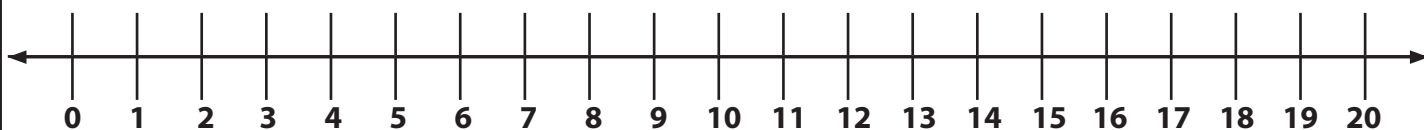
L. $12 - 7 = \underline{\quad}$

M. $5 + 8 = \underline{\quad}$

N. $10 - 3 = \underline{\quad}$

O. $9 - 6 = \underline{\quad}$

BUCCANEER PROBLEMS: LESSON 1



With the exception of Lesson 1, all Buccaneer Problems include 2 pages. Students may use this page to show their work.



JOLLY ROGER REVIEW: LESSON 1

A. $6 + 3 = \underline{\quad}$

F. $1 + 7 = \underline{\quad}$

B. $9 - 2 = \underline{\quad}$

G. $8 + 2 = \underline{\quad}$

C. $13 - 6 = \underline{\quad}$

H. $10 - 8 = \underline{\quad}$

D. $2 + 5 = \underline{\quad}$

I. $14 - 7 = \underline{\quad}$

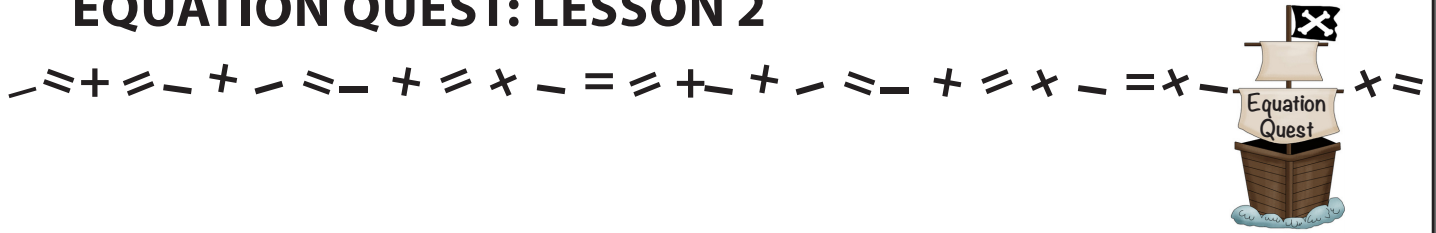
E. $9 + 5 = \underline{\quad}$

J. $8 + 3 = \underline{\quad}$

JOLLY ROGER REVIEW: LESSON 1

Tessa drew 2 pictures of cats. She drew 5 pictures of dogs. How many pictures did Tessa draw?

EQUATION QUEST: LESSON 2



Equation Quest starts in Lesson 3.

BUCCANEER PROBLEMS: LESSON 2



A. $6 + 3 = \underline{\quad}$

B. $4 + 9 = \underline{\quad}$

C. $7 - 3 = \underline{\quad}$

D. $12 - 5 = \underline{\quad}$

E. $41 + 23 = \underline{\quad}$

$$\begin{array}{r} 41 \\ + 23 \\ \hline \end{array}$$

F. $56 + 38 = \underline{\quad}$

$$\begin{array}{r} 56 \\ + 38 \\ \hline \end{array}$$

G. $27 + 42 = \underline{\quad}$

$$\begin{array}{r} 27 \\ + 42 \\ \hline \end{array}$$

H. $30 + 45 = \underline{\quad}$

$$\begin{array}{r} 30 \\ + 45 \\ \hline \end{array}$$

I. $65 + 19 = \underline{\quad}$

$$\begin{array}{r} + \\ \hline \end{array}$$

J. $12 + 25 = \underline{\quad}$

$$\begin{array}{r} + \\ \hline \end{array}$$

K. $37 + 37 = \underline{\quad}$

L.
$$\begin{array}{r} 21 \\ + 68 \\ \hline \end{array}$$

$$\begin{array}{r} + \\ \hline \end{array}$$

M.
$$\begin{array}{r} 58 \\ + 19 \\ \hline \end{array}$$

N. $49 + 33 = \underline{\quad}$

O. $2 + 5 = \underline{\quad}$

P. $30 + 52 = \underline{\quad}$



JOLLY ROGER REVIEW: LESSON 2

A.
$$\begin{array}{r} 32 \\ + 19 \\ \hline \end{array}$$

E. $15 - 8 = \underline{\quad}$

F. $10 - 4 = \underline{\quad}$

B.
$$\begin{array}{r} 47 \\ - 19 \\ \hline \end{array}$$

G. $2 + 6 = \underline{\quad}$

H. $5 + 9 = \underline{\quad}$

C. $4 + 6 = \underline{\quad}$

I. $18 - 9 = \underline{\quad}$

D. $3 + 3 = \underline{\quad}$

JOLLY ROGER REVIEW: LESSON 2

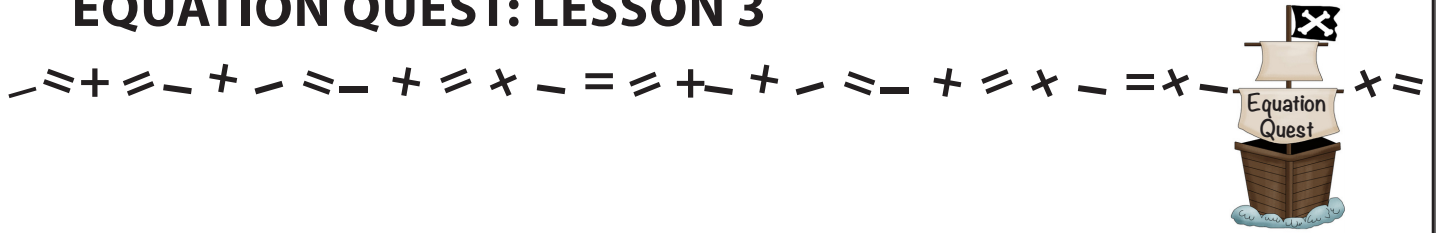
A.
$$\begin{array}{r} 39 \\ + 64 \\ \hline \end{array}$$

C.
$$\begin{array}{r} 72 \\ + 19 \\ \hline \end{array}$$

B.
$$\begin{array}{r} 25 \\ + 36 \\ \hline \end{array}$$

D.
$$\begin{array}{r} 41 \\ + 26 \\ \hline \end{array}$$

EQUATION QUEST: LESSON 3



equal sign: *the same as*

A. $4 + 6 = 10$

B. $5 + 8 = 13$

C. $5 = 2 + 3$

D. $21 + 54 = 75$

E. $75 = 21 + 54$

BUCCANEER PROBLEMS: LESSON 3



A. $2 + 8 = \underline{\quad}$

B. $15 - 7 = \underline{\quad}$

C. $36 + 22 = \underline{\quad}$

$$\begin{array}{r} 36 \\ + 22 \\ \hline \end{array}$$

D. $49 + 14 = \underline{\quad}$

$$\begin{array}{r} \\ + \\ \hline \end{array}$$

E. $35 - 23 = \underline{\quad}$

$$\begin{array}{r} 35 \\ - 23 \\ \hline \end{array}$$

F. $62 - 48 = \underline{\quad}$

$$\begin{array}{r} 62 \\ - 48 \\ \hline \end{array}$$

G. $47 - 25 = \underline{\quad}$

$$\begin{array}{r} \\ - \\ \hline \end{array}$$

H. $77 - 12 = \underline{\quad}$

$$\begin{array}{r} \\ - \\ \hline \end{array}$$

I. $93 - 42 = \underline{\quad}$

J.
$$\begin{array}{r} 83 \\ - 55 \\ \hline \end{array}$$

K.
$$\begin{array}{r} 95 \\ - 15 \\ \hline \end{array}$$

L. $12 - 4 = \underline{\quad}$

M. $54 - 27 = \underline{\quad}$

N. $60 - 40 = \underline{\quad}$

O. $31 + 26 = \underline{\quad}$

P. $85 - 32 = \underline{\quad}$



JOLLY ROGER REVIEW: LESSON 3

A. $1 + 1 = \underline{\quad}$

F. $5 + 9 = \underline{\quad}$

B. $6 - 4 = \underline{\quad}$

G. $12 - 8 = \underline{\quad}$

C. $12 - 3 = \underline{\quad}$

H. $4 + 4 = \underline{\quad}$

D. $8 + 7 = \underline{\quad}$

I. $9 + 5 = \underline{\quad}$

E. $14 - 6 = \underline{\quad}$

J. $16 - 8 = \underline{\quad}$

JOLLY ROGER REVIEW: LESSON 3

A.
$$\begin{array}{r} 71 \\ - 22 \\ \hline \end{array}$$

C.
$$\begin{array}{r} 35 \\ - 17 \\ \hline \end{array}$$

B.
$$\begin{array}{r} 88 \\ + 45 \\ \hline \end{array}$$

D.
$$\begin{array}{r} 98 \\ - 56 \\ \hline \end{array}$$

EQUATION QUEST: LESSON 4



equal sign: *the same as*

A. $6 + 8 = 14$

B. $11 = 5 + 6$

C. $13 - 4 = 9$

D. $72 - 10 = 62$

E. $12 = 23 - 11$

BUCCANEER PROBLEMS: LESSON 4



A. $14 - 8 = \underline{\quad}$






B. $5 + 6 = \underline{\quad}$

C. $63 - 48 = \underline{\quad}$

D. $13 + 24 = \underline{\quad}$

E.

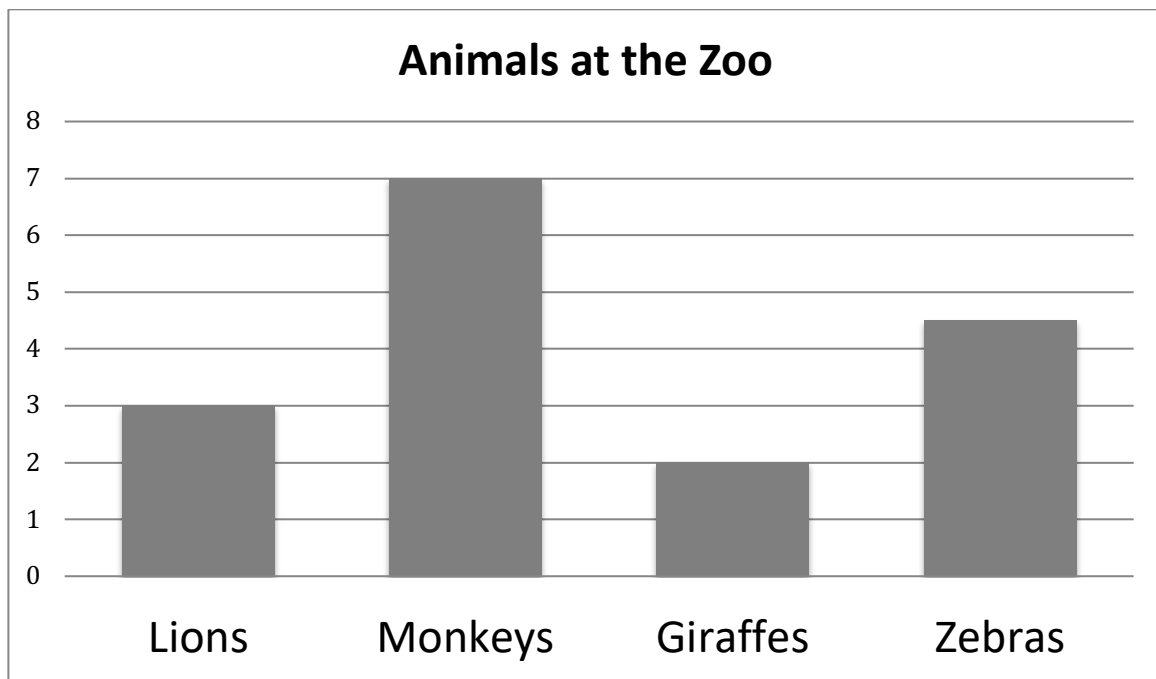
Cups of Lemonade Sold

Monday	
Tuesday	
Wednesday	
Thursday	
Friday	

Each  stands for 2 cups.

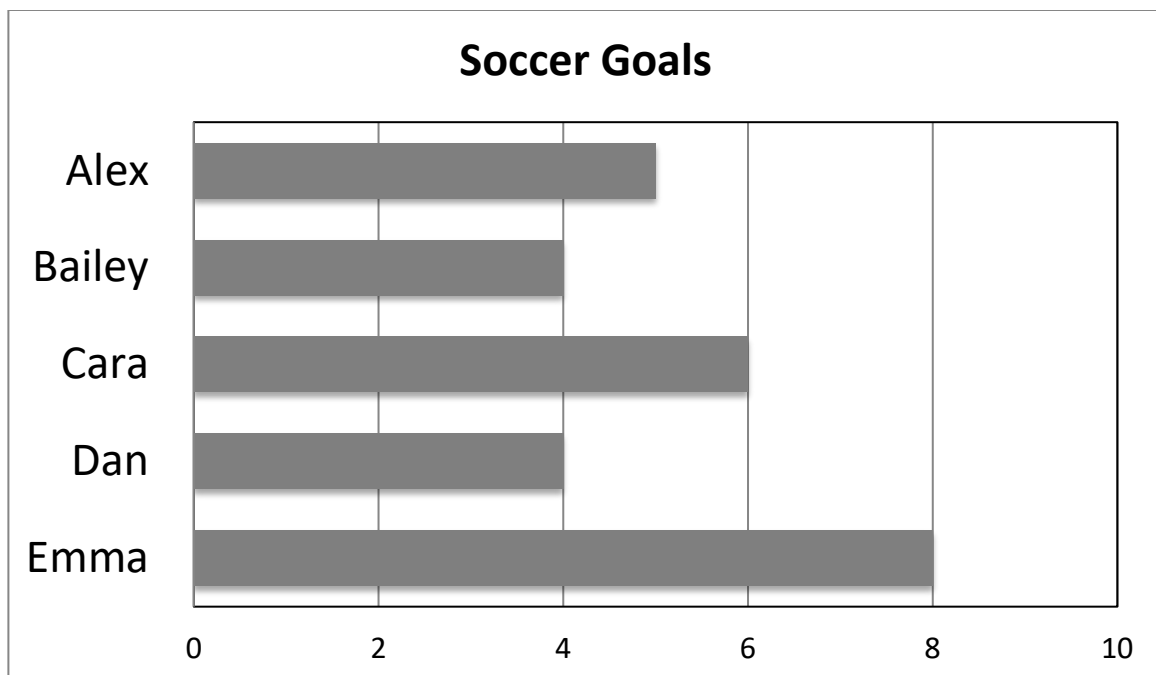
How many cups of lemonade were sold on Monday and Friday?

F.



How many lions and giraffes are at the zoo?

G.



Which kids scored the same number of goals?



JOLLY ROGER REVIEW: LESSON 4

A. $13 - 4 = \underline{\quad}$

F. $7 - 3 = \underline{\quad}$

B. $11 - 8 = \underline{\quad}$

G. $6 + 8 = \underline{\quad}$

C. $2 + 6 = \underline{\quad}$

H. $9 + 2 = \underline{\quad}$

D. $5 + 3 = \underline{\quad}$

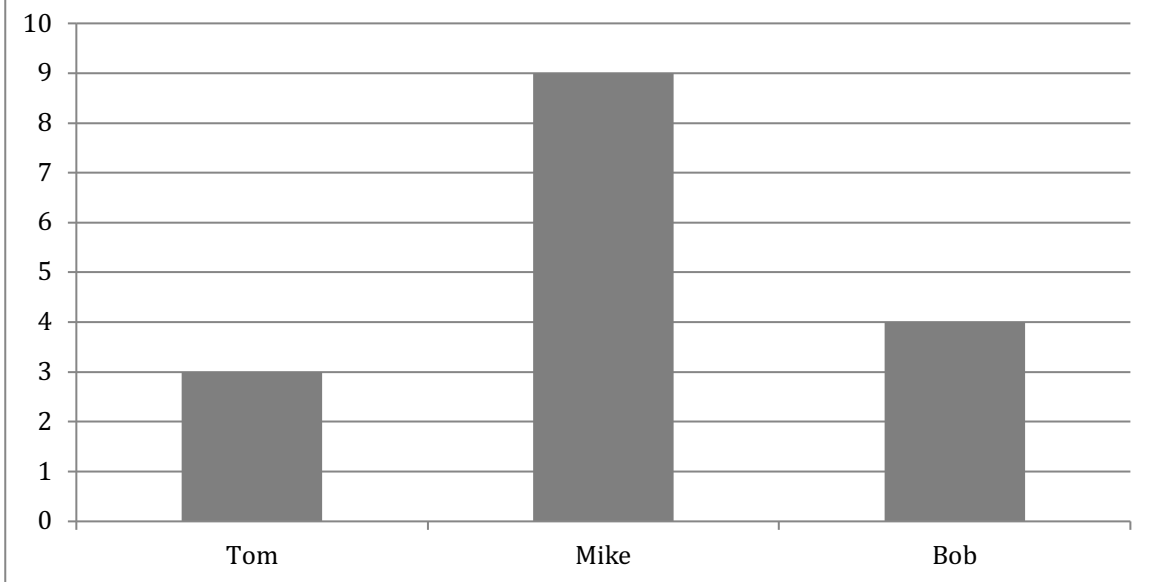
I. $14 - 9 = \underline{\quad}$

E. $10 - 8 = \underline{\quad}$

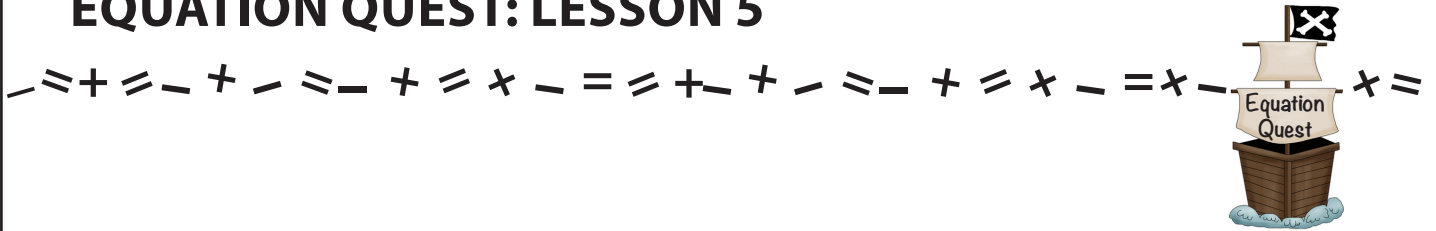
J. $3 + 8 = \underline{\quad}$

JOLLY ROGER REVIEW: LESSON 4

Video Games



EQUATION QUEST: LESSON 5



equal sign: *the same as*

A. $1 + 6 = \underline{\quad}$

B. $\underline{\quad} = 5 + 5$

=

BUCCANEER PROBLEMS: LESSON 5



A. Diana has 2 crayons. Stacy has 5 crayons.
The girls have 7 crayons in all.

$$2 + 5 = 7$$



Diana



Stacy

B. Diana has 2 crayons. Stacy has 5 crayons. How many crayons do the girls have together?



JOLLY ROGER REVIEW: LESSON 5

A. $2 + 2 = \underline{\quad}$

F. $9 - 4 = \underline{\quad}$

B. $5 + 4 = \underline{\quad}$

G. $10 - 5 = \underline{\quad}$

C. $6 + 6 = \underline{\quad}$

H. $11 - 3 = \underline{\quad}$

D. $8 + 4 = \underline{\quad}$

I. $15 - 7 = \underline{\quad}$

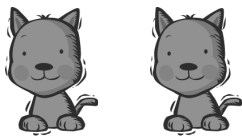
E. $1 + 6 = \underline{\quad}$

J.
$$\begin{array}{r} 32 \\ - 28 \\ \hline \end{array}$$

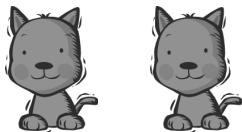
JOLLY ROGER REVIEW: LESSON 5

Draw a picture to make the sides the same.

Then, write the sentence that matches the picture.

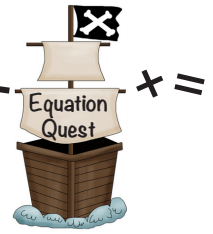


=



EQUATION QUEST: LESSON 6

- = + = - + - = - + = x - = = + - + - = - + = x - = x - =



equal sign: *the same as*

A. ___ = 4 + 4

B. ___ + 3 = 5

=

BUCCANEER PROBLEMS: LESSON 6



A. Mrs. Taylor bought 4 apples and 9 bananas. How many apples and bananas did Mrs. Taylor buy?

B. Alex found 3 shells and 8 rocks on the beach. He found 7 leaves in the woods. How many shells and rocks did Alex find on the beach?

C. For a building project, the carpenter needs 32 nails and 56 screws. The carpenter has 2 hammers. How many nails and screws does the carpenter have altogether?



JOLLY ROGER REVIEW: LESSON 6

A. $11 - 9 = \underline{\quad}$

F.
$$\begin{array}{r} 32 \\ - 19 \\ \hline \end{array}$$

B. $3 + 2 = \underline{\quad}$

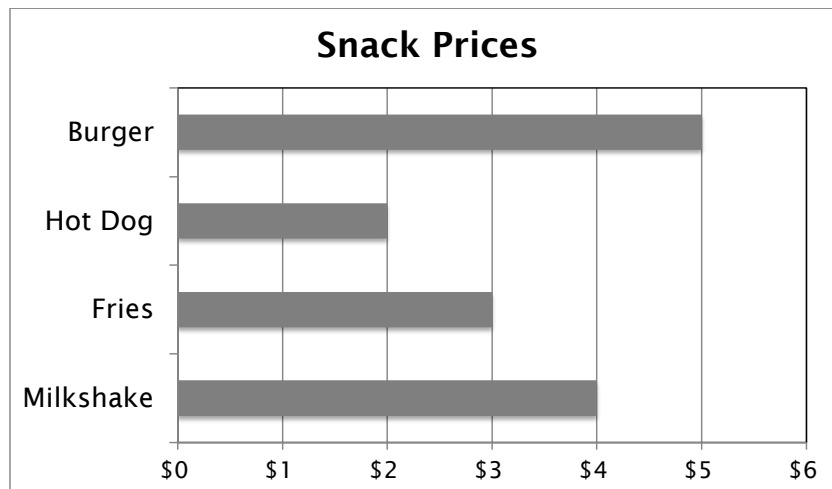
C. $9 + 0 = \underline{\quad}$

G.
$$\begin{array}{r} 59 \\ + 23 \\ \hline \end{array}$$

D. $12 - 4 = \underline{\quad}$

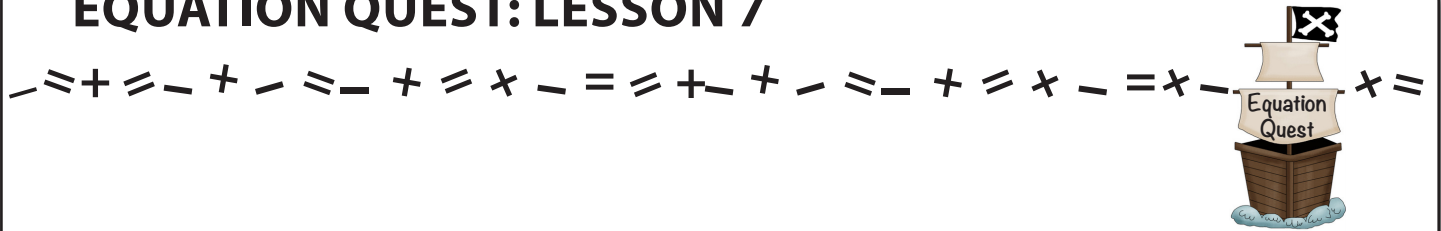
E. $4 + 6 = \underline{\quad}$

JOLLY ROGER REVIEW: LESSON 6



How much do a milkshake and hot dog cost altogether?

EQUATION QUEST: LESSON 7



equal sign: *the same as*

A. $5 + \underline{\quad} = 8$

B. $\underline{\quad} + 3 = 5$

=

BUCCANEER PROBLEMS: LESSON 7



A. Sam and Brandon packed 10 boxes. Brandon packed 3 boxes.
How many boxes did Sam pack?

B. The table shows the animals on Farmer Mack's farm. If he has 15 cows and horses, how many cows does he have?

Horses	7
Pigs	3
Cows	
Goats	2

C. The baker has 42 chocolate and strawberry cupcakes. If 26 of the cupcakes are chocolate, how many are strawberry?



JOLLY ROGER REVIEW: LESSON 7

A. $1 + 8 = \underline{\quad}$

F.
$$\begin{array}{r} 49 \\ + 29 \\ \hline \end{array}$$

B. $13 - 4 = \underline{\quad}$

C. $7 - 4 = \underline{\quad}$

G.
$$\begin{array}{r} 87 \\ - 59 \\ \hline \end{array}$$

D. $14 - 8 = \underline{\quad}$

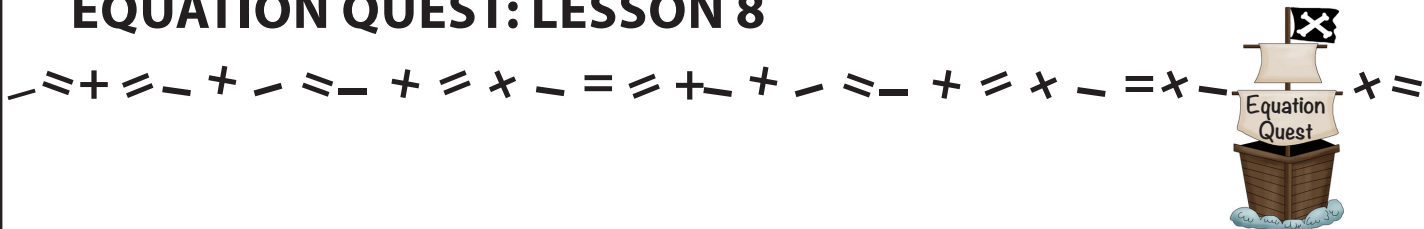
E. $2 + 5 = \underline{\quad}$

JOLLY ROGER REVIEW: LESSON 7

The table shows how much money each child spent at the carnival. The children spent 3 hours at the carnival. How much money did John and Wells spend?

John	\$32
Angela	\$40
Wells	\$58
Chris	\$13

EQUATION QUEST: LESSON 8



equal sign: *the same as*

A. $4 + 6 = \underline{\quad}$

<input type="text"/>	=	<input type="text"/>
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B. $6 = \underline{\quad} + 2$

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C. $\underline{\quad} + 3 = 9$

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BUCCANEER PROBLEMS: LESSON 8



A. James rode his bike 14 miles on Saturday. Then, he rode 23 miles on Sunday. How many miles did James ride his bike?

B. 58

C. 91

D. _____

E.
$$\begin{array}{r} 14 \\ + 23 \\ \hline \end{array}$$

F.

$$\begin{array}{r} 56 \\ + 12 \\ \hline \end{array}$$

G.

$$\begin{array}{r} 29 \\ + 60 \\ \hline \end{array}$$

H.

$$\begin{array}{r} 25 \\ + 64 \\ \hline \end{array}$$



JOLLY ROGER REVIEW: LESSON 8

$$\begin{array}{r} \text{A.} \quad 89 \\ + 19 \\ \hline \end{array}$$

$$\begin{array}{r} \text{D.} \quad 66 \\ - 40 \\ \hline \end{array}$$

$$\begin{array}{r} \text{B.} \quad 54 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} \text{E.} \quad 88 \\ + 13 \\ \hline \end{array}$$

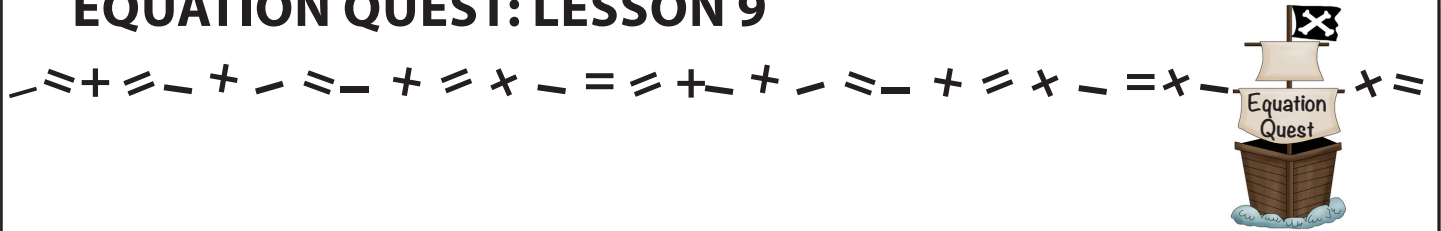
$$\begin{array}{r} \text{C.} \quad 67 \\ - 14 \\ \hline \end{array}$$

$$\begin{array}{r} \text{F.} \quad 27 \\ + 92 \\ \hline \end{array}$$

JOLLY ROGER REVIEW: LESSON 8

Vanessa and Diego ate 46 tacos. They ate 2 bowls of queso. If Diego ate 12 tacos, how many tacos did Vanessa eat?

EQUATION QUEST: LESSON 9



equal sign: *the same as*

A. $7 = 4 + \underline{\quad}$

=

B. $\underline{\quad} = 3 + 2$

=

C. $\underline{\quad} + 5 = 9$

=

BUCCANEER PROBLEMS: LESSON 9



A. Sarah scored 26 points in the basketball game on Saturday. On Sunday, she scored 37 points. How many points did she score in both games?

B.

$$\begin{array}{r} 26 \\ + 37 \\ \hline \end{array}$$

C.
$$\begin{array}{r} 64 \\ + 28 \\ \hline \end{array}$$

D.
$$\begin{array}{r} 32 \\ + 21 \\ \hline \end{array}$$

E.
$$\begin{array}{r} 53 \\ + 27 \\ \hline \end{array}$$

F.
$$\begin{array}{r} 45 \\ + 53 \\ \hline \end{array}$$

G.
$$\begin{array}{r} 38 \\ + 23 \\ \hline \end{array}$$



JOLLY ROGER REVIEW: LESSON 9

$$\begin{array}{r} \text{A.} \quad 64 \\ + 19 \\ \hline \end{array}$$

$$\begin{array}{r} \text{D.} \quad 86 \\ + 27 \\ \hline \end{array}$$

$$\begin{array}{r} \text{B.} \quad 96 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} \text{E.} \quad 28 \\ + 47 \\ \hline \end{array}$$

$$\begin{array}{r} \text{C.} \quad 77 \\ + 38 \\ \hline \end{array}$$

$$\begin{array}{r} \text{F.} \quad 47 \\ + 55 \\ \hline \end{array}$$

JOLLY ROGER REVIEW: LESSON 9

Ray ran 29 miles. Heidi ran 16 miles. How many miles did Ray and Heidi run?

EQUATION QUEST: LESSON 10



equal sign: *the same as*

A. $4 + \underline{\quad} = 9$

B. $4 + X = 9$

isolate the X

C.

	1	
3	8	7
	X	4
6		
	9	5
0		

X =

	1	
3	8	7
	9	4
6		
	5	
0		

BUCCANEER PROBLEMS: LESSON 10



A. Jessica spent \$67 to buy some movies and music. If she spent \$24 on movies, how much did she spend on music?

B.

$$\begin{array}{r} 67 \\ - 24 \\ \hline \end{array}$$

C.
$$\begin{array}{r} 58 \\ - 31 \\ \hline \end{array}$$

D.
$$\begin{array}{r} 53 \\ - 28 \\ \hline \end{array}$$

E.
$$\begin{array}{r} 72 \\ - 45 \\ \hline \end{array}$$

F.
$$\begin{array}{r} 54 \\ - 22 \\ \hline \end{array}$$

G.
$$\begin{array}{r} 96 \\ - 58 \\ \hline \end{array}$$



JOLLY ROGER REVIEW: LESSON 10

$$\begin{array}{r} \text{A.} \quad 34 \\ - 29 \\ \hline \end{array}$$

$$\begin{array}{r} \text{D.} \quad 86 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} \text{B.} \quad 82 \\ - 24 \\ \hline \end{array}$$

$$\begin{array}{r} \text{E.} \quad 47 \\ - 38 \\ \hline \end{array}$$

$$\begin{array}{r} \text{C.} \quad 75 \\ - 36 \\ \hline \end{array}$$

$$\begin{array}{r} \text{F.} \quad 58 \\ - 49 \\ \hline \end{array}$$

JOLLY ROGER REVIEW: LESSON 10




Brianna and Hannah drove 154 miles. If Brianna drove 67 miles, how many miles did Hannah drive?

BUCCANEER PROBLEMS: LESSON 11



A. Tanner spent \$27 on snacks and drinks. He bought 5 kinds of snacks. If Tanner spent \$19 on snacks, how much money did he spend on drinks?

B.

Baseball Cards	
Lamar	
Katie	
Molly	
Joe	?

Each  stands for 10 baseball cards.

Lamar and Joe have 70 baseball cards together. How many cards does Joe have?

C. The Oz family has 3 children. They also have 9 cats and dogs. If the family has 4 cats, how many dogs does the family have?



JOLLY ROGER REVIEW: LESSON 11

A. $10 - 6 = \underline{\quad}$

F.
$$\begin{array}{r} 20 \\ + 67 \\ \hline \end{array}$$

B. $16 - 9 = \underline{\quad}$

C. $6 - 4 = \underline{\quad}$

G.
$$\begin{array}{r} 87 \\ - 56 \\ \hline \end{array}$$

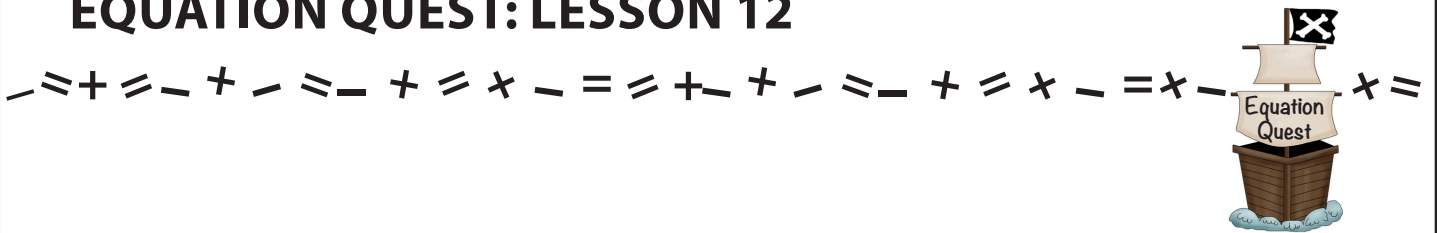
D. $4 + 9 = \underline{\quad}$

E. $6 + 7 = \underline{\quad}$

JOLLY ROGER REVIEW: LESSON 11

Isabella and Missy used 60 beads to make a necklace.
Isabella used 32 beads. How many beads did Missy use?

EQUATION QUEST: LESSON 12



equal sign: *the same as*

A. $4 + X = 10$

B. $6 + 9 = X$




BUCCANEER PROBLEMS: LESSON 12



A. Webster made \$28 from mowing lawns and \$68 from walking dogs. How much money did he make in all?

B. The Miller family has 28 cows and chickens on their farm. They also have 4 tractors. If they have 12 chickens, how many cows do they have?

C.

WEATHER	
SUNNY	
CLOUDY	
RAINY	

What is the total number of sunny and rainy days?



JOLLY ROGER REVIEW: LESSON 12

A. $8 + 8 = \underline{\quad}$

B. $7 + 4 = \underline{\quad}$

C. $16 - 9 = \underline{\quad}$

D. $0 + 5 = \underline{\quad}$

E. $2 + 6 = \underline{\quad}$

F.
$$\begin{array}{r} 64 \\ - 43 \\ \hline \end{array}$$

G.
$$\begin{array}{r} 90 \\ - 35 \\ \hline \end{array}$$

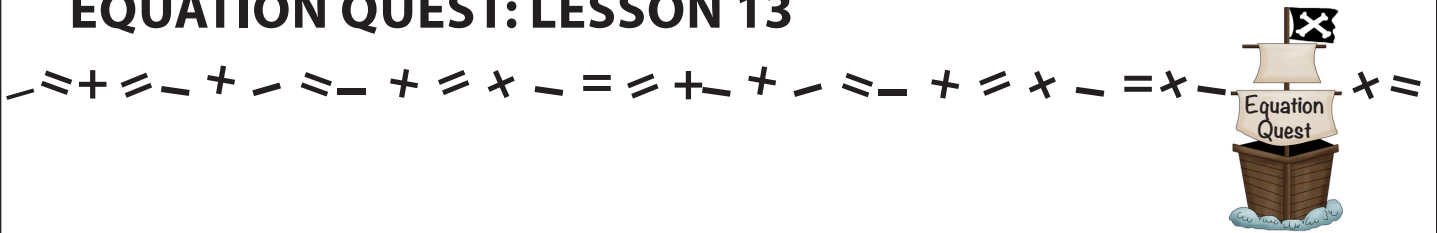
JOLLY ROGER REVIEW: LESSON 12

Dan counted houses on his way home. Here is Dan's graph.



How many black and white houses did Dan see?

EQUATION QUEST: LESSON 13



equal sign: *the same as*

A. $5 + X = 9$

B. $14 + X = 25$

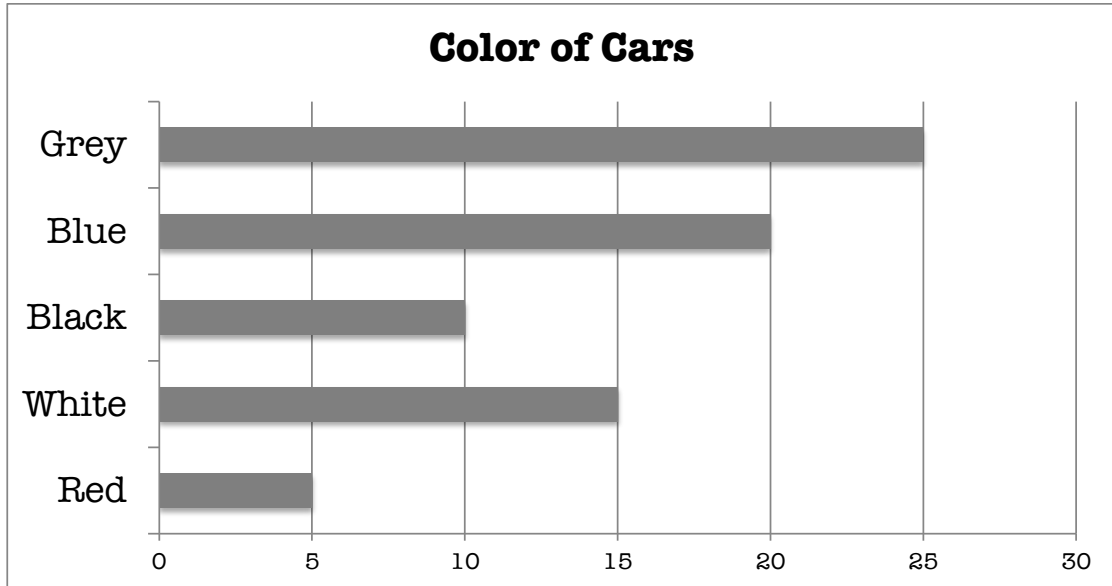
BUCCANEER PROBLEMS: LESSON 13



A. Mr. Andrews grew 17 carrots and some peppers. He grew 44 vegetables in all. How many peppers did Mr. Andrews grow?

B. Sierra and Dante made brownies for the school bake sale. They baked a total of 84 brownies. If Dante baked 48 brownies, how many did Sierra bake?

C. Mila counted cars on her walk home from school. Here is Mila's graph.



How many white and grey cars did Mila see?



JOLLY ROGER REVIEW: LESSON 13

A. $12 - 5 = \underline{\quad}$

E.
$$\begin{array}{r} 15 \\ + 25 \\ \hline \end{array}$$

B. $4 + 5 = \underline{\quad}$




C.
$$\begin{array}{r} 25 \\ + 26 \\ \hline \end{array}$$


F.
$$\begin{array}{r} 42 \\ + 37 \\ \hline \end{array}$$

D.
$$\begin{array}{r} 34 \\ - 26 \\ \hline \end{array}$$

JOLLY ROGER REVIEW: LESSON 13

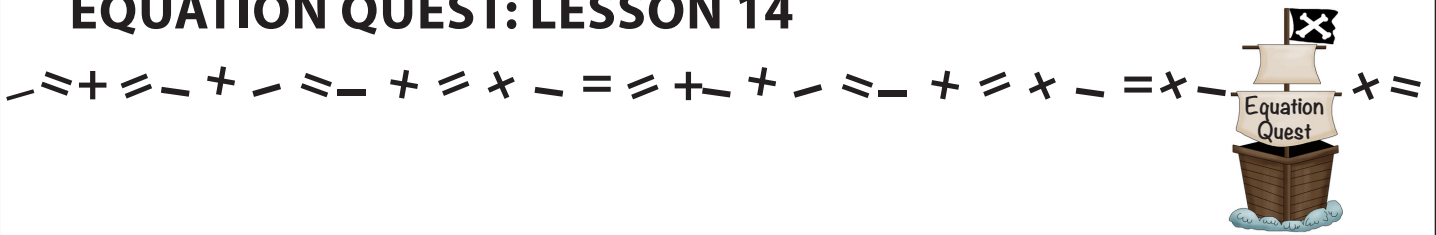
Leaves Norma Collected

Thursday	
Friday	
Saturday	
Sunday	

Each  stands for 5 leaves.

On Saturday and Sunday, Norma collected a total of 45 leaves. How many leaves did she collect on Sunday?

EQUATION QUEST: LESSON 14



equal sign: *the same as*

A. $29 + X = 45$




B. $31 = X + 16$

BUCCANEER PROBLEMS: LESSON 14



A. Alex found 4 red leaves, 3 orange leaves, and 5 yellow leaves during a walk in the woods. How many leaves did he find in all?

B.

Tubes of Paint in the Art Room	
Red	
Yellow	
Blue	

Each  stands for 1 tube of paint.

How many tubes of paint are in the art room?

C. The table shows how much money each person spent at the grocery store.

Truman	\$32
Lincoln	\$40
Jackson	\$58
Carter	\$13

How much did Carter, Truman, and Lincoln spend?



JOLLY ROGER REVIEW: LESSON 14

A. $9 - 7 = \underline{\quad}$

B. $14 - 9 = \underline{\quad}$

C. $12 - 6 = \underline{\quad}$

D. $5 + 8 = \underline{\quad}$

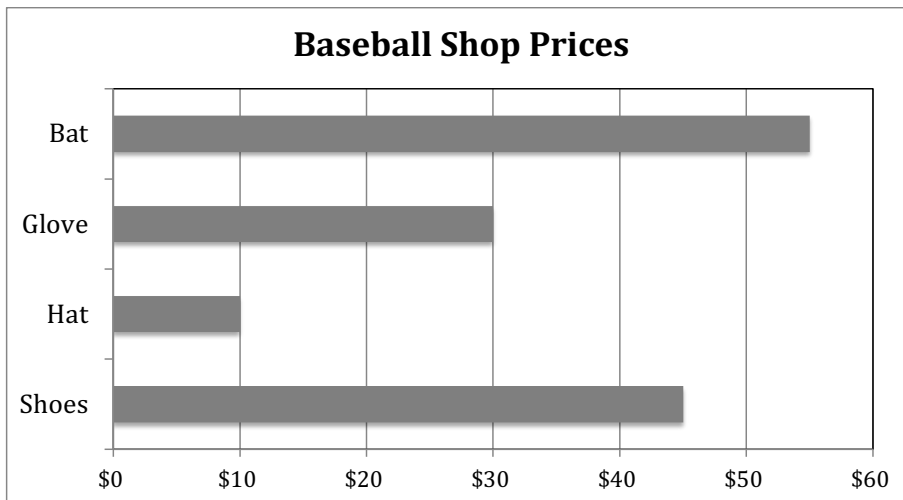
E. $9 + 9 = \underline{\quad}$

F.
$$\begin{array}{r} 63 \\ - 52 \\ \hline \end{array}$$

G.
$$\begin{array}{r} 18 \\ + 24 \\ \hline \end{array}$$

JOLLY ROGER REVIEW: LESSON 14

Baseball Shop Prices



Manuel wants to buy a baseball bat, glove, and hat. How much money does he need?

EQUATION QUEST: LESSON 15



equal sign: *the same as*

A. $X + 4 = 11$

B. $9 = 3 + X$

=



BUCCANEER PROBLEMS: LESSON 15



A. Katie has 14 goldfish and 13 rainbow fish. Jim has 22 clown fish. How many fish do they have in all?

B. Mrs. Chan packed 34 sandwiches for the picnic. She also packed 6 cookies. If she packed 17 ham sandwiches, how many peanut butter sandwiches did she pack?

C.

Prices at the Burger Shack	
Burger	
Soda	?
Fries	

Each  stands for \$1.

Jamie spent \$7 on a burger and a soda. How much did the soda cost?



JOLLY ROGER REVIEW: LESSON 15

A. $18 - 9 = \underline{\quad}$

E.
$$\begin{array}{r} 30 \\ + 65 \\ \hline \end{array}$$

B. $3 + 7 = \underline{\quad}$

C.
$$\begin{array}{r} 38 \\ - 19 \\ \hline \end{array}$$

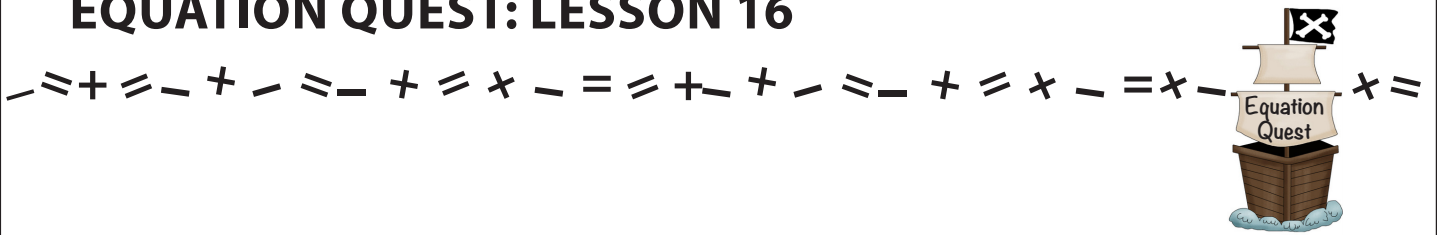
F.
$$\begin{array}{r} 56 \\ - 18 \\ \hline \end{array}$$

D.
$$\begin{array}{r} 94 \\ - 66 \\ \hline \end{array}$$

JOLLY ROGER REVIEW: LESSON 15

Ms. Berry paid \$54 for a new skirt and sweater. She paid \$25 for the sweater. How much did she pay for the skirt?

EQUATION QUEST: LESSON 16



equal sign: *the same as*

A. $62 = X + 14$

B. $X + 25 = 76$

BUCCANEER PROBLEMS: LESSON 16



A.
$$\begin{array}{r} 92 \\ - 68 \\ \hline \end{array}$$

B.
$$\begin{array}{r} 51 \\ + 29 \\ \hline \end{array}$$

C.
$$\begin{array}{r} 42 \\ - 21 \\ \hline \end{array}$$

D.
$$\begin{array}{r} 65 \\ + 14 \\ \hline \end{array}$$

$$\begin{array}{r} \text{E.} \quad 75 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} \text{F.} \quad 80 \\ - 46 \\ \hline \end{array}$$

$$\begin{array}{r} \text{G.} \quad 15 \\ + 48 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H.} \quad 37 \\ + 62 \\ \hline \end{array}$$

$$\begin{array}{r} \text{I.} \quad 96 \\ - 58 \\ \hline \end{array}$$



JOLLY ROGER REVIEW: LESSON 16

A. $17 - 9 = \underline{\quad}$

E.
$$\begin{array}{r} 50 \\ - 45 \\ \hline \end{array}$$

B. $13 - 7 = \underline{\quad}$

C.
$$\begin{array}{r} 34 \\ - 15 \\ \hline \end{array}$$

F.
$$\begin{array}{r} 46 \\ - 17 \\ \hline \end{array}$$

D.
$$\begin{array}{r} 97 \\ - 66 \\ \hline \end{array}$$

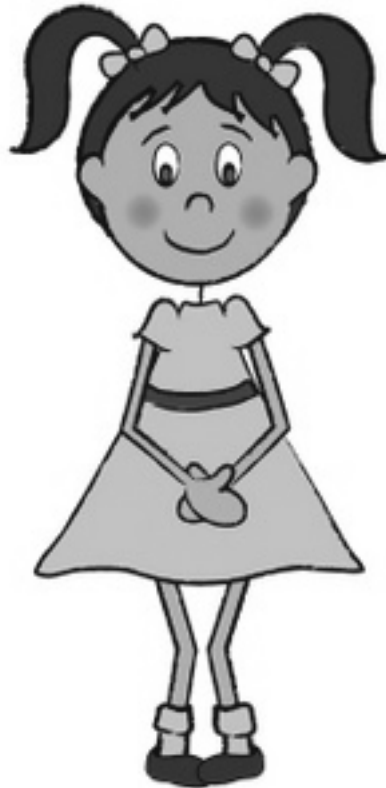
JOLLY ROGER REVIEW: LESSON 16

Gabriel paid \$66 for pepperoni and cheese pizza. He paid \$18 for the pepperoni pizza. How much did he pay for the cheese pizza?

BUCCANEER PROBLEMS: LESSON 17



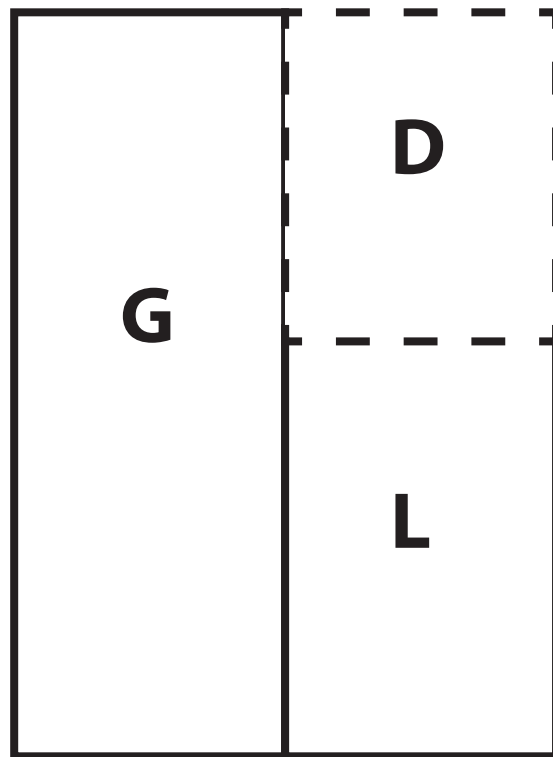
A.



AMY



JOHN



$$G - L = D$$

B. Kim scored 7 goals in Friday's soccer game. She scored 5 goals in Saturday's soccer game. How many more goals did she score on Friday?



JOLLY ROGER REVIEW: LESSON 17

A. $11 - 6 = \underline{\quad}$

F.
$$\begin{array}{r} 56 \\ + 17 \\ \hline \end{array}$$

B. $17 - 9 = \underline{\quad}$

C. $1 + 1 = \underline{\quad}$

G.
$$\begin{array}{r} 82 \\ - 28 \\ \hline \end{array}$$

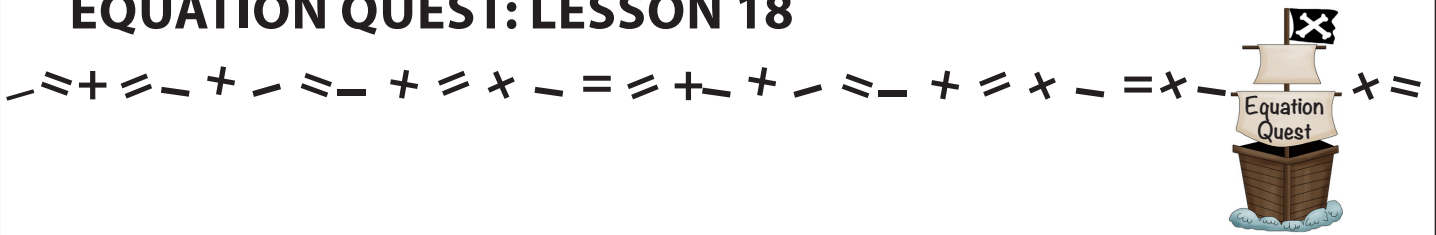
D. $6 - 4 = \underline{\quad}$

E. $5 + 8 = \underline{\quad}$

JOLLY ROGER REVIEW: LESSON 17

Deepen and Sebastian went to the movies. Sebastian spent \$10. Deepen spent \$3. How much more money did Sebastian spend than Deepen?

EQUATION QUEST: LESSON 18



equal sign: *the same as*

A. $15 + X = 63$

B. $8 - 3 = X$

BUCCANEER PROBLEMS: LESSON 18



A. Maya has 7 more pets than Paul. Paul has 3 pets. How many pets does Maya have?

B. Maya is 7 years old. Paul is 3 years old. How many years older is Maya?

C. The giraffe is 5 feet taller than the monkey.

D. Today is warmer than yesterday.

E. The shark swims faster than the dolphin.

F. Maya is 7 years old. Paul is 3 years old. How many years older is Maya?



JOLLY ROGER REVIEW: LESSON 18

- A. Laura played in 3 more games than Sarah.

- B. Margo planted 7 more flowers than April.

- C. The baker baked 10 fewer cookies than brownies.

JOLLY ROGER REVIEW: LESSON 18

Angel ate 4 cookies. Ray ate 11 cookies. How many fewer cookies did Angel eat than Ray?

EQUATION QUEST: LESSON 19



equal sign: *the same as*

A. $6 - 4 = \underline{\quad}$

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B. $\underline{\quad} = 6 - 2$

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C. $4 + \underline{\quad} = 7$

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BUCCANEER PROBLEMS: LESSON 19



A. Stan has seen 3 fewer movies than Joey.

B. 8 dogs are running in the park. 4 dogs are sleeping in the grass. How many more dogs are running than sleeping?

C. 8 dogs are running in the park. 4 dogs are sleeping in the grass. How many dogs are there?



JOLLY ROGER REVIEW: LESSON 19

- A. How much less money did Suzanne spend than Ayesha?

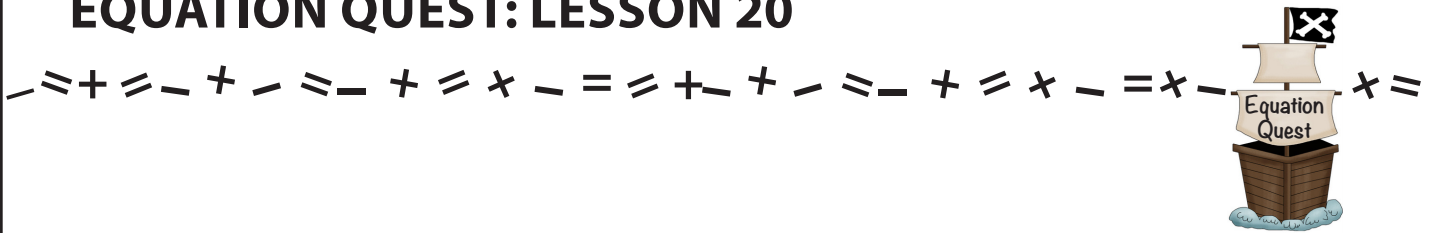
- B. Anna ate more candy than Thomas.

- C. How many more apples did Mr. Thomas buy than bananas?

JOLLY ROGER REVIEW: LESSON 19

Nevaeh bought glue for 75¢ and a ruler for 35¢. How much more did the glue cost than the ruler?

EQUATION QUEST: LESSON 20



equal sign: *the same as*

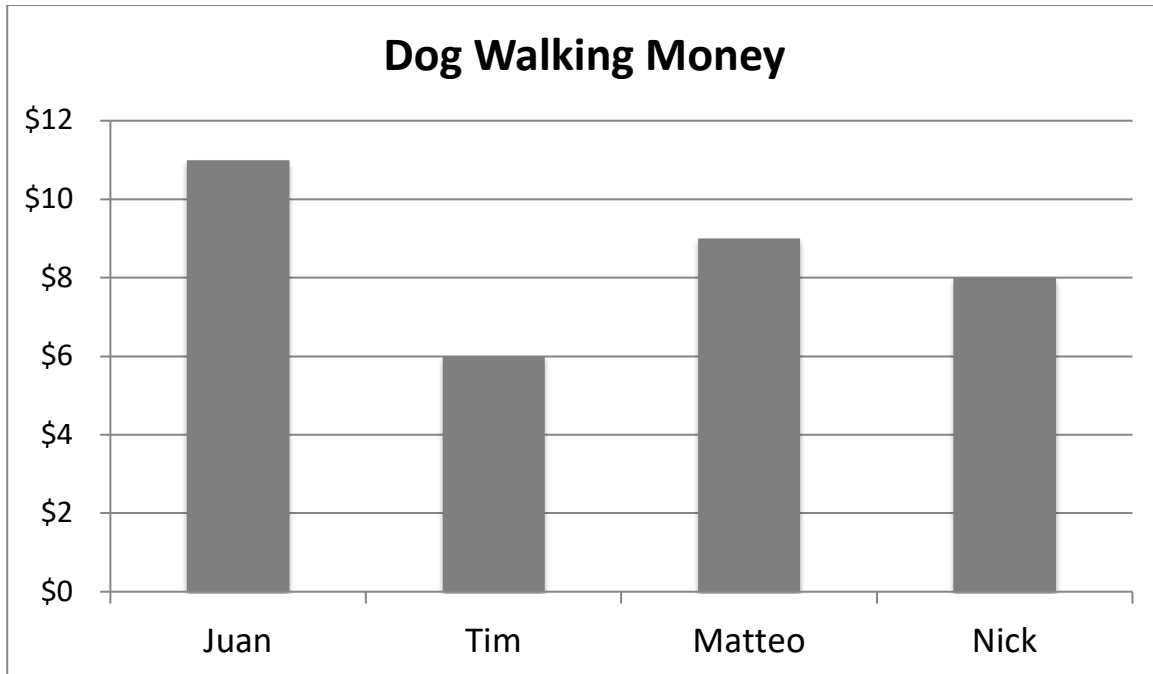
A. $24 + X = 61$

B. $16 - 9 = X$

BUCCANEER PROBLEMS: LESSON 20



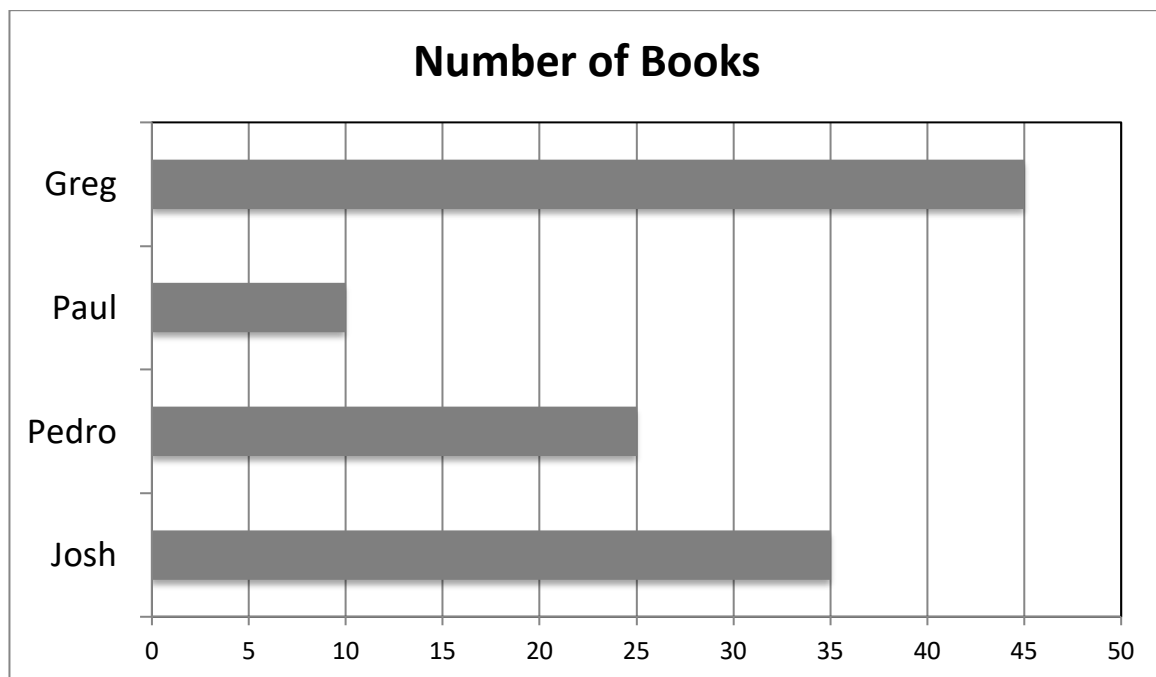
A.



How much less money did Tim earn than Juan?

B. The monkey ate 26 bananas. The gorilla ate 18 bananas. Each banana was 7 inches long. How many fewer bananas did the gorilla eat?

C.



This graph shows the number of books some students have read. How many books have Josh and Pedro read?



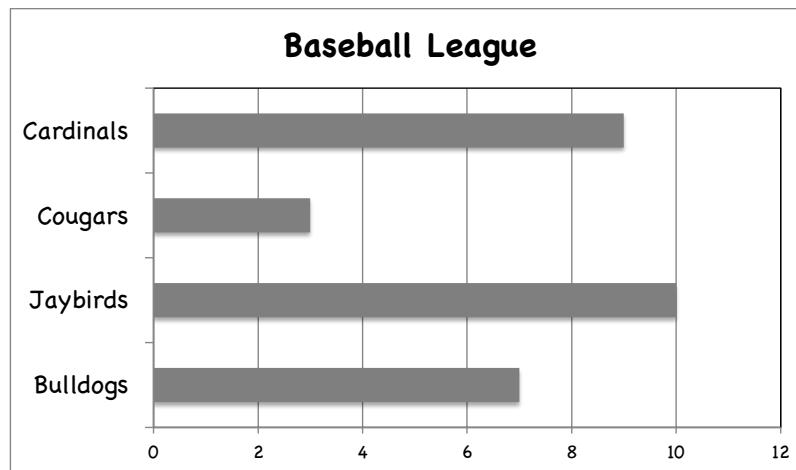
JOLLY ROGER REVIEW: LESSON 20

- A. How much taller is Cordell than Will?

- B. Katie has 7 fewer cats than dogs.

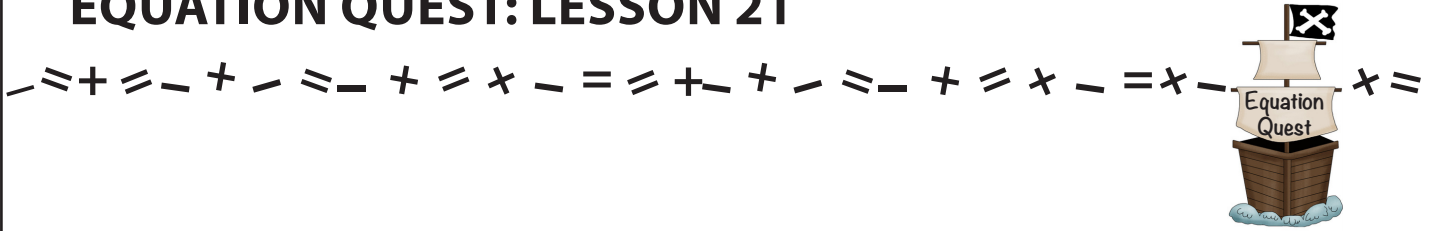
- C. The ship is 120 feet longer than the boat.

JOLLY ROGER REVIEW: LESSON 20



How many more games did the Bulldogs win than the Cougars?

EQUATION QUEST: LESSON 21



equal sign: *the same as*

A. $10 - \underline{\quad} = 4$

B. $7 - X = 5$

=

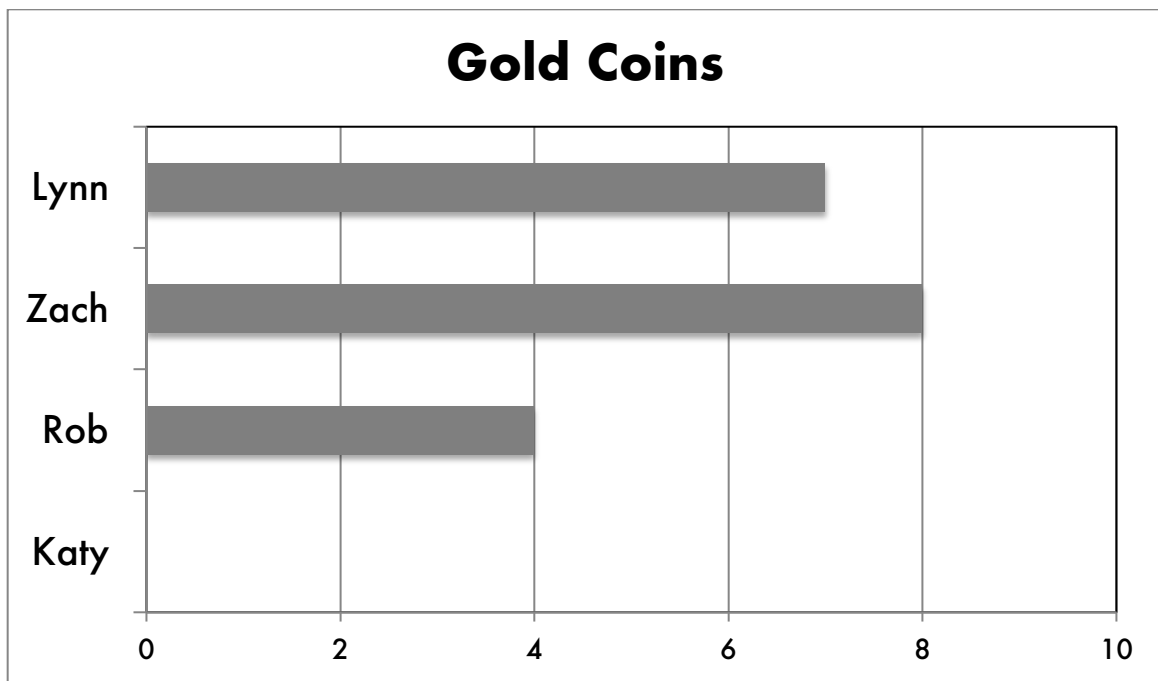
BUCCANEER PROBLEMS: LESSON 21



A. Abby has 3 flowers. Nat has 7 flowers. How many more flowers does Nat have?

B. Nat has 7 flowers. Abby has 4 fewer flowers than Nat. How many flowers does Abby have?

C.



Lynn earned 2 more gold coins than Katy. How many gold coins did Katy earn?



JOLLY ROGER REVIEW: LESSON 21

- A. Leann swam 3 fewer laps than Bailey.

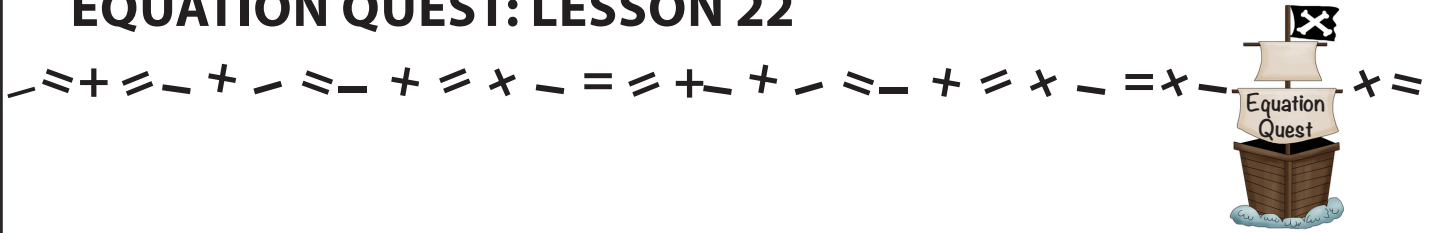
- B. The farmer has 6 more cows than horses.

- C. Gym class is 10 minutes shorter than art class.

JOLLY ROGER REVIEW: LESSON 21

Rekha has 12 toy cars. Zara has 7 fewer toy cars. How many toy cars does Zara have?

EQUATION QUEST: LESSON 22



equal sign: *the same as*

A. $X - 6 = 3$

B. $8 - X = 2$

BUCCANEER PROBLEMS: LESSON 22



A. Susan made \$7 selling lemonade. Mike made \$4 less than Susan. How much money did Mike make?

B. Mike and Susan made \$10 selling lemonade. Susan made \$7. How much money did Mike make?

C. Beth spent \$5 less than John on pizza. How much money did Beth spend on pizza?

\$ Beth spent on pizza	
\$ Beth spent on candy	\$8
\$ John spent on pizza	\$12
\$ John spent on candy	\$6



JOLLY ROGER REVIEW: LESSON 22

A. $11 - 6 = \underline{\quad}$

B. $17 - 9 = \underline{\quad}$

C. $1 + 1 = \underline{\quad}$

D. $6 - 4 = \underline{\quad}$

E. $5 + 8 = \underline{\quad}$

F.
$$\begin{array}{r} 56 \\ + 17 \\ \hline \end{array}$$

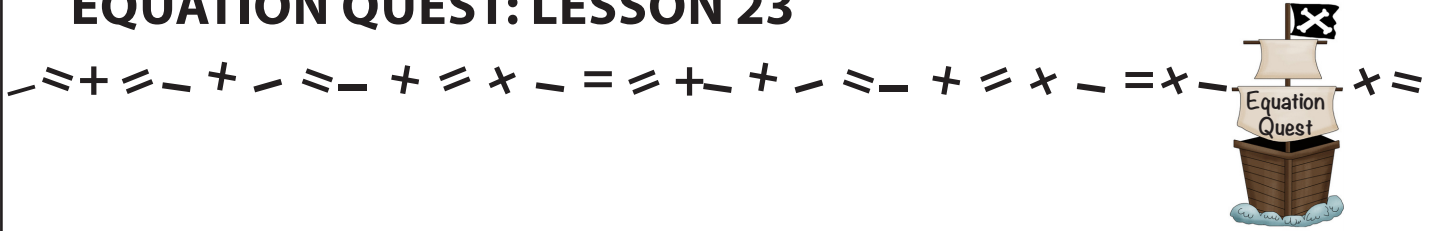
G.
$$\begin{array}{r} 82 \\ - 28 \\ \hline \end{array}$$

JOLLY ROGER REVIEW: LESSON 22

The table shows how many animals are at the zoo. How many more giraffes are there than monkeys?

Cheetahs	3
Giraffes	12
Monkeys	8
Snakes	6

EQUATION QUEST: LESSON 23



equal sign: *the same as*

A. $9 - X = 4$

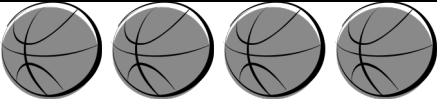

B. $X - 6 = 4$

BUCCANEER PROBLEMS: LESSON 23



A. Pat and Liz weigh 90 pounds together. Pat weighs 50 pounds and is 4 feet tall. How much does Liz weigh?




B.

Sports Games Dan Played	
Basketball	
Baseball	
Soccer	?

Each ball stands for 5 games.

Dan played 10 more soccer games than basketball games. How many soccer games did he play?

C.

Prices at School Store	
Folder	
Glue	
Notebook	
Ruler	?

Each  stands for 5¢

A ruler costs 55¢ more than glue. How much money does the ruler cost?



JOLLY ROGER REVIEW: LESSON 23

$$\begin{array}{r} \text{A.} \quad 80 \\ - 64 \\ \hline \end{array}$$

$$\begin{array}{r} \text{E.} \quad 64 \\ - 43 \\ \hline \end{array}$$

$$\text{B.} \quad 16 - 9 = \underline{\quad}$$

$$\begin{array}{r} \text{F.} \quad 90 \\ - 35 \\ \hline \end{array}$$

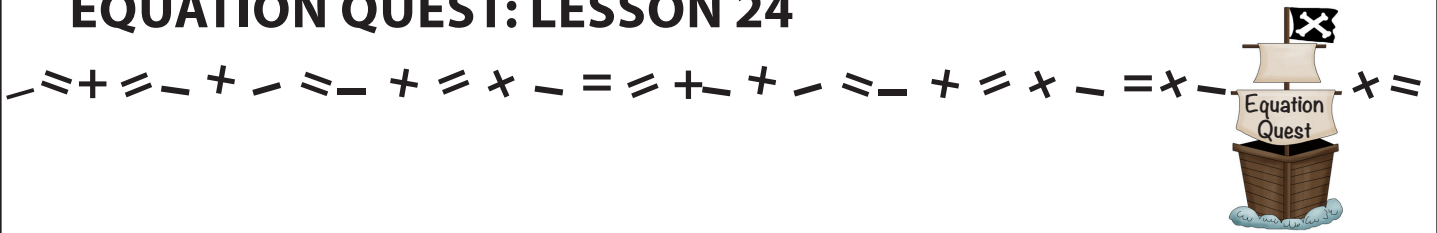
$$\text{C.} \quad 0 + 5 = \underline{\quad}$$

$$\text{D.} \quad 2 + 6 = \underline{\quad}$$

JOLLY ROGER REVIEW: LESSON 23

Deon has 8 more stuffed animals than Kingston. If Kingston has 7 stuffed animals, how many does Deon have?

EQUATION QUEST: LESSON 24



equal sign: *the same as*

A. $10 - X = 8$

B. $X - 4 = 9$

C. $X - 2 = 6$

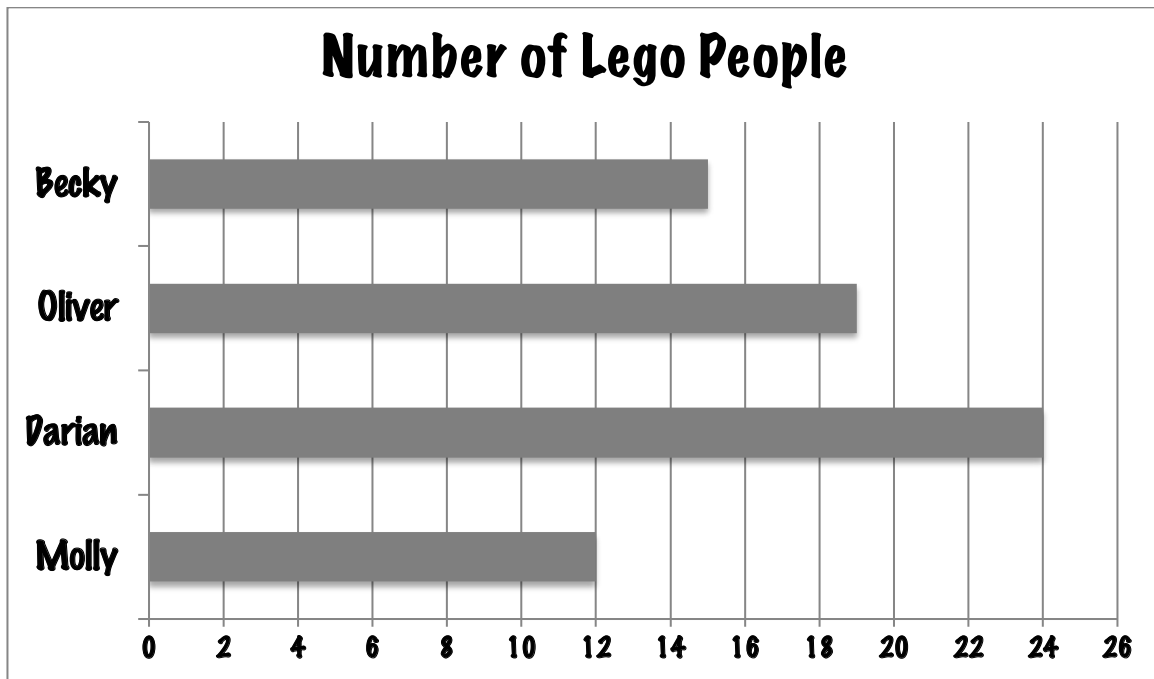
BUCCANEER PROBLEMS: LESSON 24



A. Jim picked 62 apples off of the tree. Mark picked 34 apples. They used 3 bags to carry the apples. How many fewer apples did Mark pick than Jim?

B. The coffee shop had 62 more customers than the bookstore. The bookstore only had 18 customers. How many people went to the coffee shop?

C.



How many Lego people do Darian, Becky, and Molly have altogether?



JOLLY ROGER REVIEW: LESSON 24

- A. Becca ran 13 more miles than Sarah.

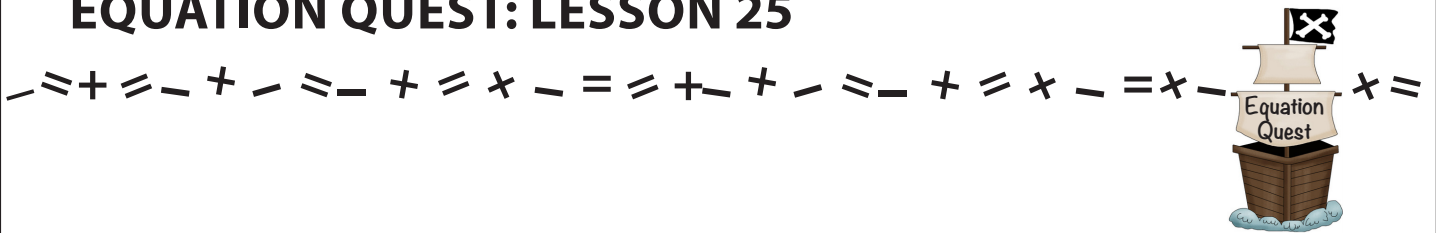
- B. Vanessa has 8 fewer peppers than tomatoes.

- C. Sophia's pumpkin is bigger than Brenda's pumpkin.

JOLLY ROGER REVIEW: LESSON 24

Elon swam for 72 minutes. Emilio swam for 25 minutes.
How many more minutes did Elon swim?

EQUATION QUEST: LESSON 25



equal sign: *the same as*

A. $5 - X = 1$

B. $X - 7 = 7$

C. $X + 6 = 9$





BUCCANEER PROBLEMS: LESSON 25



A. Diana and Lynn baked 79 cupcakes for the holiday party. They filled 8 trays with cupcakes. Diana baked 29 cupcakes. How many cupcakes did Lynn bake?

B. Tony visited the Children's Museum 5 fewer times than Martha. If Martha visited the Children's Museum 14 times, how many visits did Tony make?

C.

Nests Found in the Woods	
John	
Emily	
Denny	
Silvia	

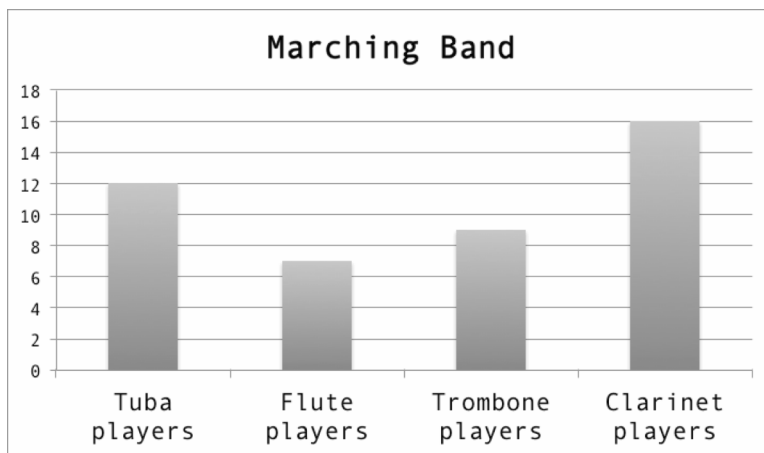
How many fewer nests did John find than Denny?



JOLLY ROGER REVIEW: LESSON 25

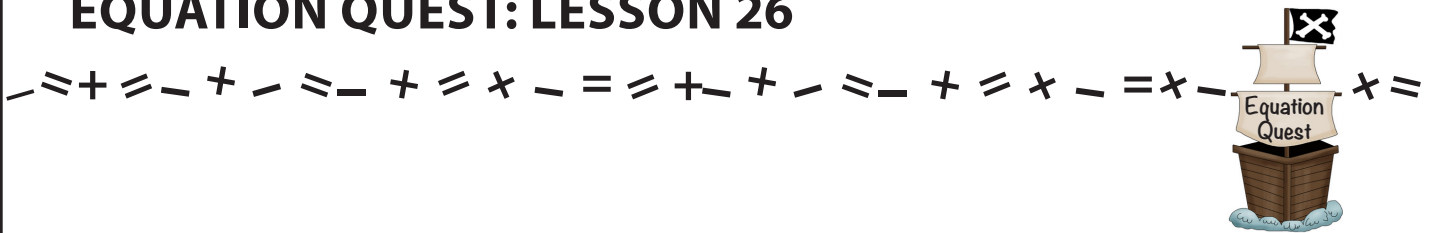
- A. Cynthia worked 5 fewer days than Kenya.
- B. There were 20 more green apples than red apples.
- C. The red ribbon was 6 feet shorter than the green ribbon.

JOLLY ROGER REVIEW: LESSON 25



How many more tuba players than trombone players are in the marching band?

EQUATION QUEST: LESSON 26



equal sign: *the same as*

A. $24 - X = 13$

B. $7 + X = 12$

C. $8 = X + 3$


















BUCCANEER PROBLEMS: LESSON 26



A. Montel read 78 pages of his book yesterday. He read for 3 hours altogether. If he read 39 pages in the morning, how many pages did he read in the afternoon?

B. Abdul caught 15 butterflies. Anish caught 38 butterflies. There were 106 butterflies in the garden. How many fewer butterflies did Abdul catch than Anish?

C.

Nests Found in the Woods	
John	  
Emily	 
Denny	     
Silvia	     

How many nests did Silvia, Denny, and John find?



JOLLY ROGER REVIEW: LESSON 26

- A. Paula found 25 more frogs than Polly.

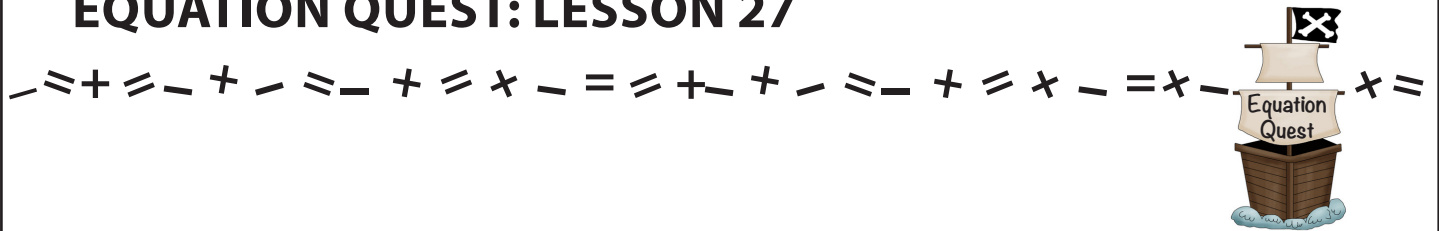
- B. The table was 2 feet longer than the chair.

- C. Marcos had \$26 less than Billy.

JOLLY ROGER REVIEW: LESSON 26

Lin has 29 stickers. Scarlet has 54 stickers. Each girl is 9 years old. How many stickers do Lin and Scarlet have altogether?

EQUATION QUEST: LESSON 27



equal sign: *the same as*

A. $X - 10 = 42$





B. $X - 9 = 12$

C. $X = 52 - 40$

BUCCANEER PROBLEMS: LESSON 27



A.

Money Raised by Mr. Norman's Class	
Lottery	
Candy Sale	
Bake Sale	
Car Wash	

Each  stands for \$10.

How much more money did Mr. Norman's class raise from the car wash than the bake sale?

B. Joe, April, and Molly counted 87 animals at the zoo. Joe counted 41 animals. April counted 22 animals. How many animals did Molly count?

C. Donnell went to the beach. He counted 12 pelicans and 34 crabs. How many fewer pelicans did Donnell count?



JOLLY ROGER REVIEW: LESSON 27

A.
$$\begin{array}{r} 58 \\ + 67 \\ \hline \end{array}$$

D.
$$\begin{array}{r} 20 \\ + 67 \\ \hline \end{array}$$

B.
$$\begin{array}{r} 80 \\ - 67 \\ \hline \end{array}$$

E.
$$\begin{array}{r} 87 \\ - 56 \\ \hline \end{array}$$

C. $6 - 4 = \underline{\quad}$

JOLLY ROGER REVIEW: LESSON 27

Phaedra ran 12 miles and Jolie ran 19 miles. How many miles did Phaedra and Jolie run?

EQUATION QUEST: LESSON 28



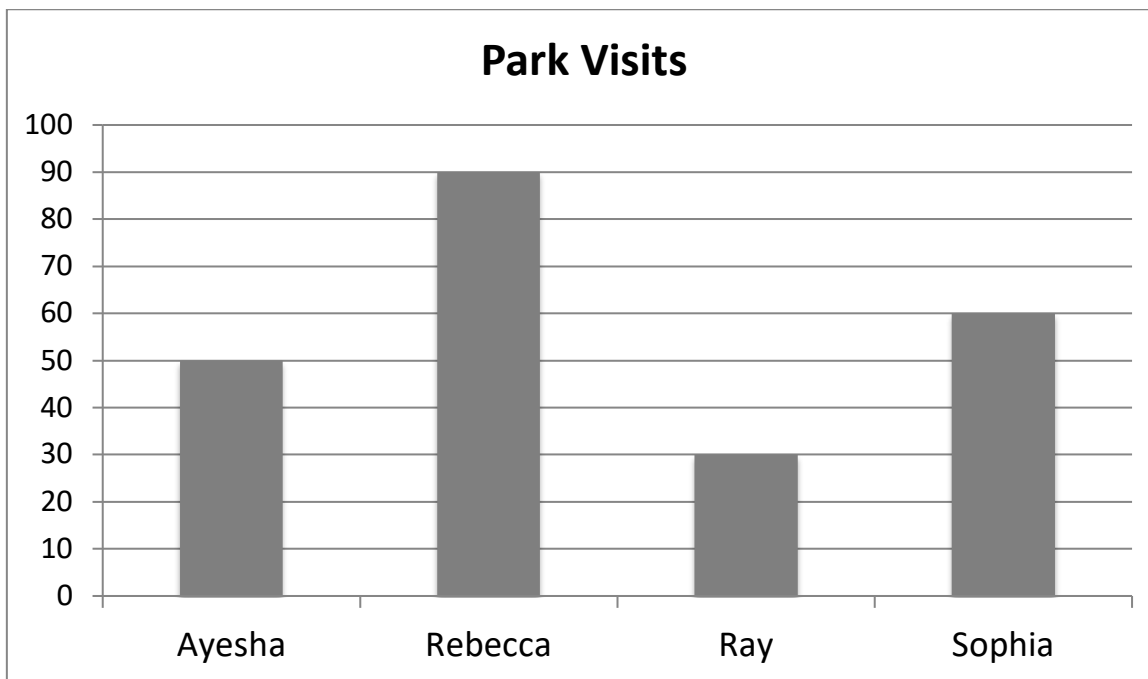
equal sign: *the same as*

A. $12 - X = 9$

B. $X + 6 = 10$

C. $X = 8 - 5$

=



A. How many more Park visits did Rebecca make than Ray?

B. How many parks visits did Sophia and Ayesha make?

C. Larry read 32 fewer books than Kavon. If Kavon read 71 books, how many books did Larry read?



JOLLY ROGER REVIEW: LESSON 28

A. $11 - 6 = \underline{\quad}$

F.
$$\begin{array}{r} 56 \\ + 17 \\ \hline \end{array}$$

B. $17 - 9 = \underline{\quad}$

C. $1 + 1 = \underline{\quad}$



G.
$$\begin{array}{r} 82 \\ - 28 \\ \hline \end{array}$$


D. $6 - 4 = \underline{\quad}$

E. $5 + 8 = \underline{\quad}$

JOLLY ROGER REVIEW: LESSON 28

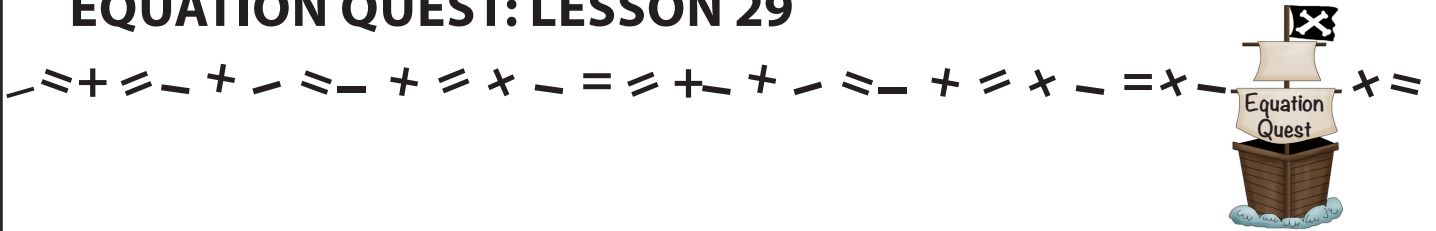
Leaves Gabe Collected

Thursday	
Friday	
Saturday	
Sunday	

Each  stands for 5 leaves.

On Thursday and Friday, Gabe collected a total of 20 leaves. How many leaves did he collect on Friday?

EQUATION QUEST: LESSON 29



equal sign: *the same as*

A. $X - 20 = 42$

B. $X - 4 = 12$

C. $X = 72 - 30$

BUCCANEER PROBLEMS: LESSON 29



A. The band has 25 trumpet players, 12 tuba players, and 18 trombone players. How many more trumpet players than tuba players are in the band?

B. The band has 25 trumpet players, 12 tuba players, and 18 trombone players. How many fewer trombone players than trumpet players are in the band?

C. The band has 25 trumpet players, 12 tuba players, and 18 trombone players. What is the total number of trumpet and trombone players?



JOLLY ROGER REVIEW: LESSON 29

A. $8 + 8 = \underline{\quad}$

F.
$$\begin{array}{r} 64 \\ - 43 \\ \hline \end{array}$$

B. $7 + 4 = \underline{\quad}$

C. $16 - 9 = \underline{\quad}$

G.
$$\begin{array}{r} 90 \\ - 35 \\ \hline \end{array}$$

D. $0 + 5 = \underline{\quad}$

E. $2 + 6 = \underline{\quad}$

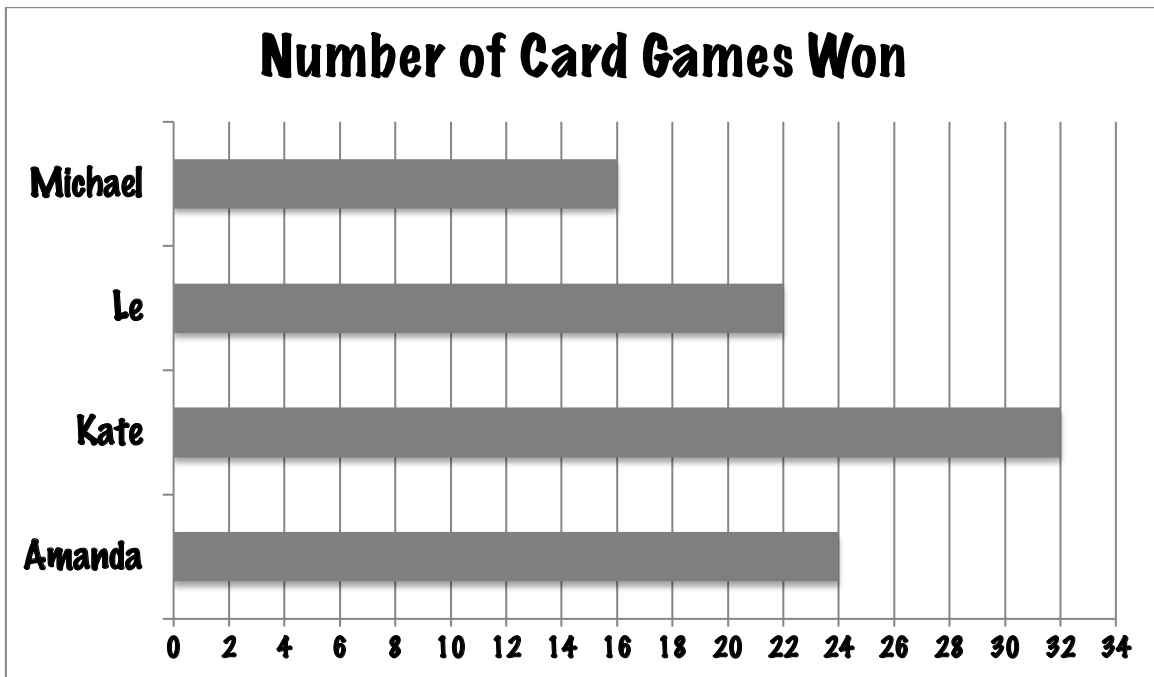
JOLLY ROGER REVIEW: LESSON 29

Lincoln made \$45 at the lemonade stand. Truman made \$56 at the bake sale. How much less money did Lincoln make than Truman?

BUCCANEER PROBLEMS: LESSON 30



A. A squirrel collected 74 nuts. A chipmunk collected 14 fewer nuts than the squirrel. How many nuts did the chipmunk collect?



B. How many more card games did Kate win than Michael?

C. How many fewer card games did Le win than Amanda?



JOLLY ROGER REVIEW: LESSON 30

- A. Jordan can jump 26 inches farther than Darius.

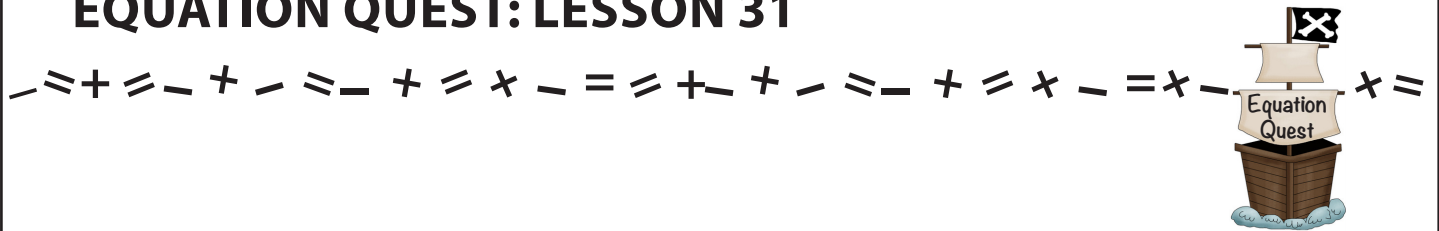
- B. Catalina danced 5 fewer dances than Juan Pablo.

- C. The baker baked 25 fewer cupcakes than brownies.

JOLLY ROGER REVIEW: LESSON 30

The zoo has 12 tigers. If the zoo has 7 fewer giraffes than tigers, how many giraffes live at the zoo?

EQUATION QUEST: LESSON 31



equal sign: *the same as*

A. $X - 12 = 30$

B. $46 - X = 13$

C. $81 - 55 = X$

BUCCANEER PROBLEMS: LESSON 31



A. Diamond has visited 14 different states. Her dad has visited 29 more states than Diamond. How many states has Diamond's dad visited?

B. In the field, there were brown cows and white cows. Ty counted 17 white cows. If there were 26 more brown cows than white cows, how many brown cows were in the field?

C. On Saturday, Roman worked for 8 hours. He earned \$46. On Sunday, Roman earned \$58. How much did Roman earn on Saturday and Sunday?



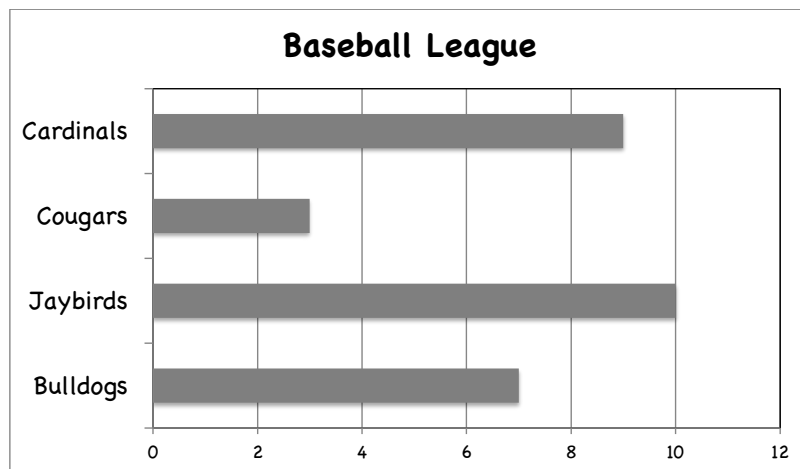
JOLLY ROGER REVIEW: LESSON 31

- A. The sea captain sailed 60 fewer miles on Monday than Tuesday.

- B. In April it rained 13 more inches than in May.

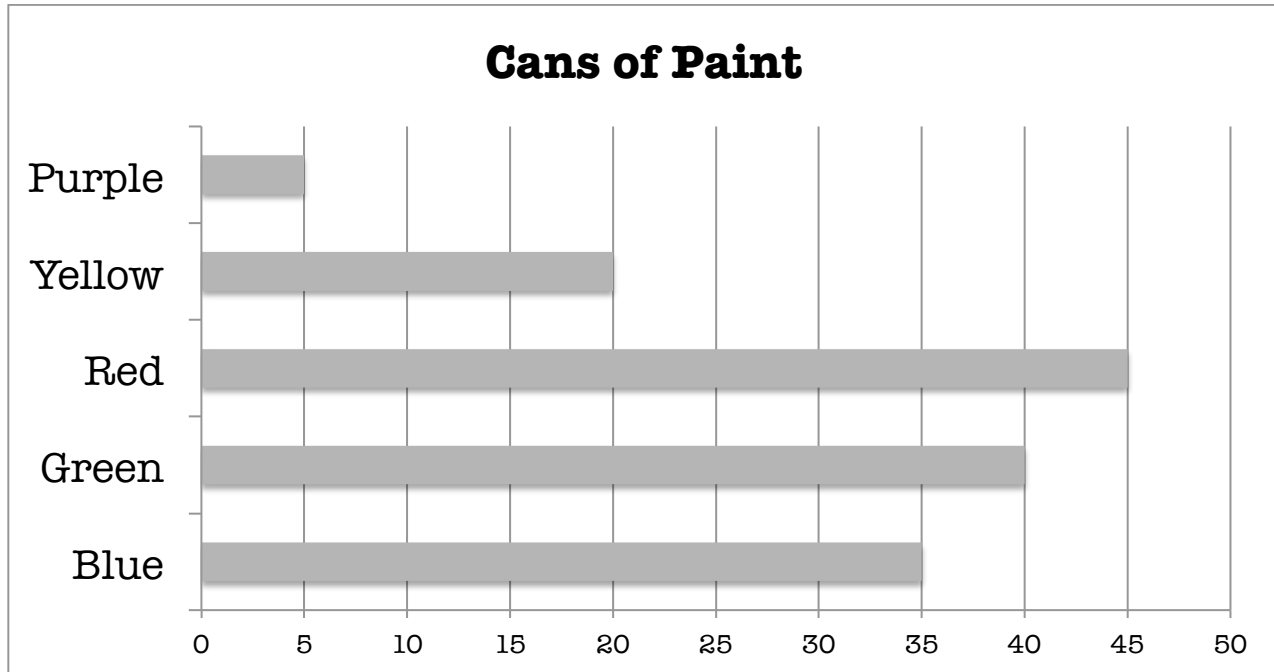
- C. The rope is 72 inches longer than the string.

JOLLY ROGER REVIEW: LESSON 31



How many fewer games did the Bulldogs win than the Jaybirds?

BUCCANEER PROBLEMS: LESSON 32



A. If the hardware store sells all of the purple, yellow, and blue cans of paint, how many cans of paint will the store sell?

B. Mateo went on a hike and collected red and yellow leaves. He collected 57 yellow leaves. If he collected 48 fewer red leaves, how many red leaves did Mateo collect?

C. Mateo went on another hike and collected orange and brown leaves. This hike lasted 2 hours. If he collected 27 orange leaves and 27 brown leaves, how many leaves did he collect?



JOLLY ROGER REVIEW: LESSON 32

A.
$$\begin{array}{r} 62 \\ - 17 \\ \hline \end{array}$$

E.
$$\begin{array}{r} 32 \\ - 19 \\ \hline \end{array}$$

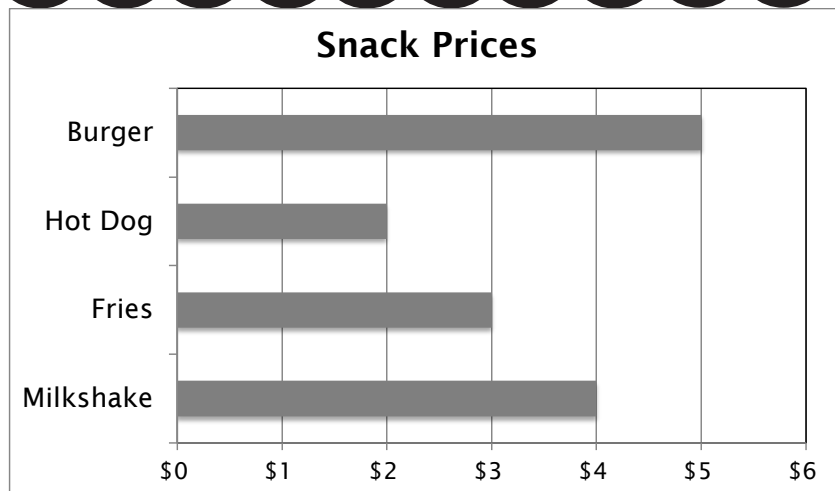
B.
$$\begin{array}{r} 98 \\ + 19 \\ \hline \end{array}$$

C. $4 + 6 = \underline{\quad}$

F.
$$\begin{array}{r} 55 \\ + 21 \\ \hline \end{array}$$

D. $12 - 4 = \underline{\quad}$

JOLLY ROGER REVIEW: LESSON 32



How much do a burger, hot dog, and fries cost?

EQUATION QUEST: LESSON 33



equal sign: *the same as*

A. $X + 1 = 9$

B. $X - 1 = 9$

C. $X - 18 = 60$

BUCCANEER PROBLEMS: LESSON 33



A. Vanessa spent a total of \$97 at the mall. She bought a purse and a pair of shoes. If the pair of shoes costs \$42, how much did the purse cost?

B. Malik has 35 more baseball cards than Jayden. Jayden has 22 baseball cards. Both boys have collected baseball cards for 3 years. How many baseball cards does Malik have?

C. Caleb went to the store and spent \$65. Trinity went to the store and spent \$29. How much less money did Trinity spend than Caleb?



JOLLY ROGER REVIEW: LESSON 33

A. $18 - 9 = \underline{\quad}$

F.
$$\begin{array}{r} 30 \\ + 65 \\ \hline \end{array}$$

B. $3 + 7 = \underline{\quad}$

C. $9 + 5 = \underline{\quad}$

G.
$$\begin{array}{r} 56 \\ - 18 \\ \hline \end{array}$$

D. $5 - 3 = \underline{\quad}$

E. $7 + 8 = \underline{\quad}$

JOLLY ROGER REVIEW: LESSON 33

The apple orchard sold 45 fewer peaches than apples. If the orchard sold 36 peaches, how many apples did the orchard sell?

EQUATION QUEST: LESSON 34



equal sign: *the same as*

A. $6 - X = 3$

B. $9 + 4 = X$

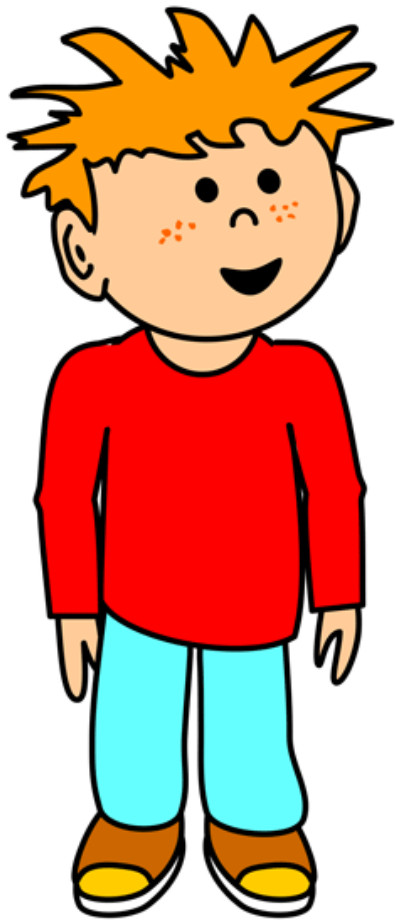
C. $X - 5 = 8$



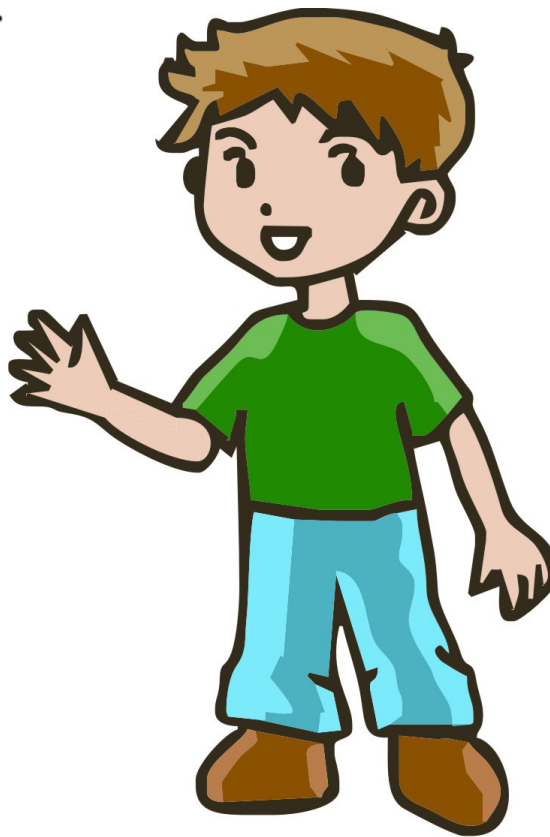
BUCCANEER PROBLEMS: LESSON 34



A. Fred had 2 crayons. Then, his friend Sam gave him 5 more crayons. Now, Fred has 7 crayons.

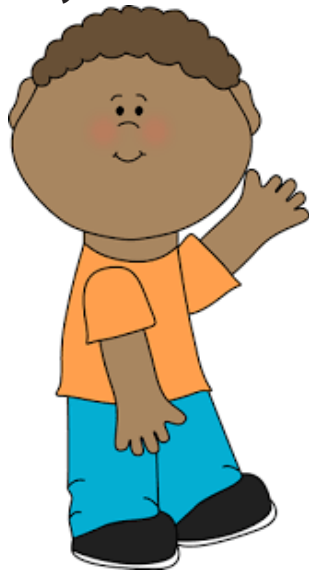


FRED

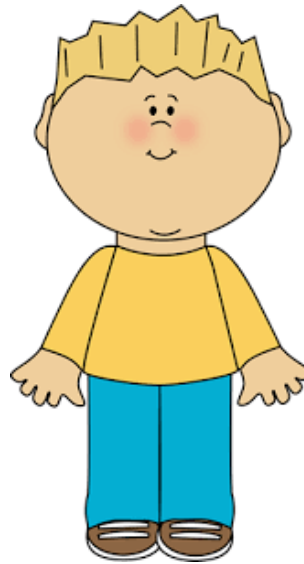


SAM

B. Harry had 9 crayons. Then, he gave 3 crayons to Will. Now, Harry has 6 crayons.



HARRY



WILL

C. There were 9 apples on the apple tree. Then, 5 apples fell off. How many apples are on the tree now?



JOLLY ROGER REVIEW: LESSON 34

A.
$$\begin{array}{r} 60 \\ - 34 \\ \hline \end{array}$$

E.
$$\begin{array}{r} 70 \\ - 25 \\ \hline \end{array}$$





B.
$$\begin{array}{r} 98 \\ + 25 \\ \hline \end{array}$$

F.
$$\begin{array}{r} 14 \\ + 68 \\ \hline \end{array}$$

C. $14 - 5 = \underline{\quad}$

D. $9 + 8 = \underline{\quad}$

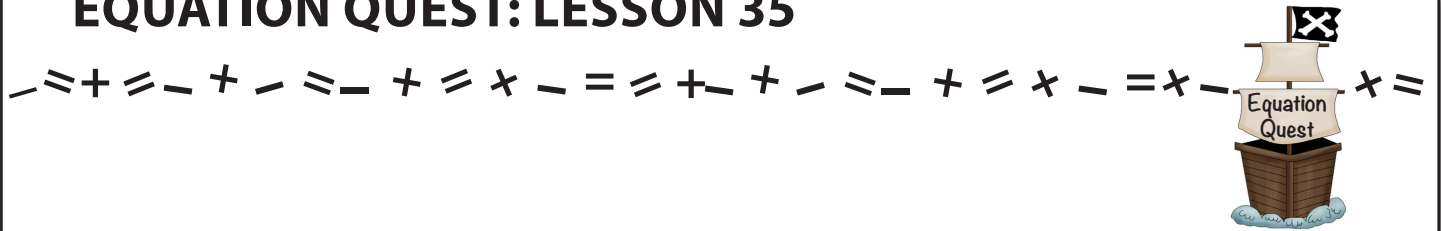
JOLLY ROGER REVIEW: LESSON 34

Red roses	
Yellow roses	
White roses	
Pink roses	

Each  stands for 5 roses.

How many more red roses are there than yellow roses?

EQUATION QUEST: LESSON 35



equal sign: *the same as*

A. $5 + X = 19$

B. $43 = X + 21$

C. $X = 47 + 47$

BUCCANEER PROBLEMS: LESSON 35



A. Will had 4 pennies. Later that day, he found 5 more pennies.
How many pennies does Will have now?

B. Jayda had 7 lollipops. Then, she gave 3 lollipops to Lexie. How
many lollipops does she have now?

- C. Will had more pennies than Stan.
- D. Chris had 6 more trains than Bill.
- E. Bill gave 6 more trains to Chris.
- F. Jackson ate 7 more candy bars than Rebecca.
- G. Rebecca gave Jackson 7 more candy bars.
- H. Richard gave Jean 4 more toy cars.
- I. Jean had 4 more toy cars than Richard.



JOLLY ROGER REVIEW: LESSON 35

A. $7 - 7 = \underline{\quad}$

B. $2 + 2 = \underline{\quad}$

C. $10 - 5 = \underline{\quad}$

D. $4 + 4 = \underline{\quad}$

E. $16 - 8 = \underline{\quad}$

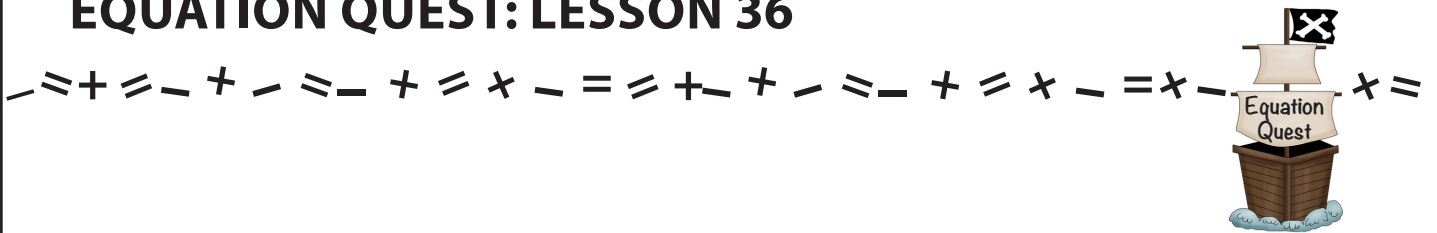
F. $\begin{array}{r} 59 \\ + 27 \\ \hline \end{array}$

G. $\begin{array}{r} 82 \\ - 48 \\ \hline \end{array}$

JOLLY ROGER REVIEW: LESSON 35

Mia had \$9. Then, her aunt gave her another \$5 for pet sitting. How much money does Mia have now?

EQUATION QUEST: LESSON 36



equal sign: *the same as*

A. $X - 26 = 50$

B. $92 - X = 80$

C. $31 + X = 55$

BUCCANEER PROBLEMS: LESSON 36



A. 5 more cats than dogs.

B. 5 more girls than boys.

C. Molly had 4 daisies. Then, her mom gave her 3 more daisies.
How many daisies does Molly have now?

More Sentences

D. Brody has 7 more books than video games.

Then, Andrew bought 5 more baseball cards.

E. Then, Ashley's friend gave her 6 more shirts.

Nancy watched 7 more movies than Megan.

F. Then, Katie got 2 more dolls for her birthday.

Sally grew 5 more flowers than Mark.

G. Then, Jane's dad gave her 5 more coins.

Regan walked 4 more miles than Bethany.

H. Molly had 12 daisies. Then, she gave some to her mom for Mother's Day. Now, Molly has 4 left. How many daisies did Molly give to her mom?

I. The store had 30 t-shirts. The next day a truck brought more t-shirts. Now, there are 50 t-shirts. How many t-shirts did the truck bring?



JOLLY ROGER REVIEW: LESSON 36

A. $12 - 6 = \underline{\quad}$

B. $13 - 9 = \underline{\quad}$

C. $11 - 4 = \underline{\quad}$

D. $2 + 7 = \underline{\quad}$

E. $8 + 6 = \underline{\quad}$

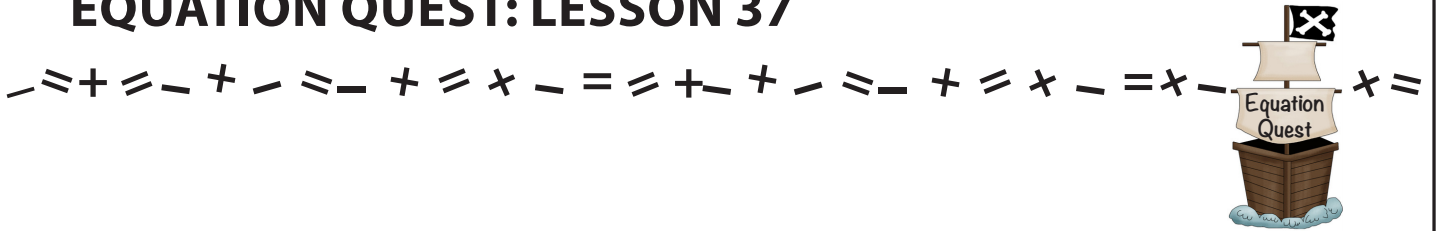
F.
$$\begin{array}{r} 12 \\ + 19 \\ \hline \end{array}$$

G.
$$\begin{array}{r} 45 \\ - 28 \\ \hline \end{array}$$

JOLLY ROGER REVIEW: LESSON 36

Andrea made \$16 and then she bought a book for her baby brother. The book costs \$9. How much money does Andrea have left?

EQUATION QUEST: LESSON 37



equal sign: *the same as*

A. $X + 19 = 35$

B. $62 = X + 19$

C. $X - 25 = 48$

BUCCANEER PROBLEMS: LESSON 37



A. There were 5 kids in the art room. After lunch, more kids came to the art room. Now there are 8 kids in the art room. How many more kids came?

B. Paul has a fish tank with 5 crabs. He put 3 plants in the fish tank. Then, he put some more crabs in the tank. Now there are 9 crabs. How many crabs did Paul put in the tank?

C. Ted had 5 library books. After school, he returned 2 books and checked out 4 movies. How many books does Ted have now?



JOLLY ROGER REVIEW: LESSON 37

A. $9 + 7 = \underline{\quad}$

B. $14 - 6 = \underline{\quad}$

C. $9 - 7 = \underline{\quad}$

D. $7 + 5 = \underline{\quad}$

E. $5 + 8 = \underline{\quad}$

F. 90

$- 25$

G. 56

$- 39$

JOLLY ROGER REVIEW: LESSON 37

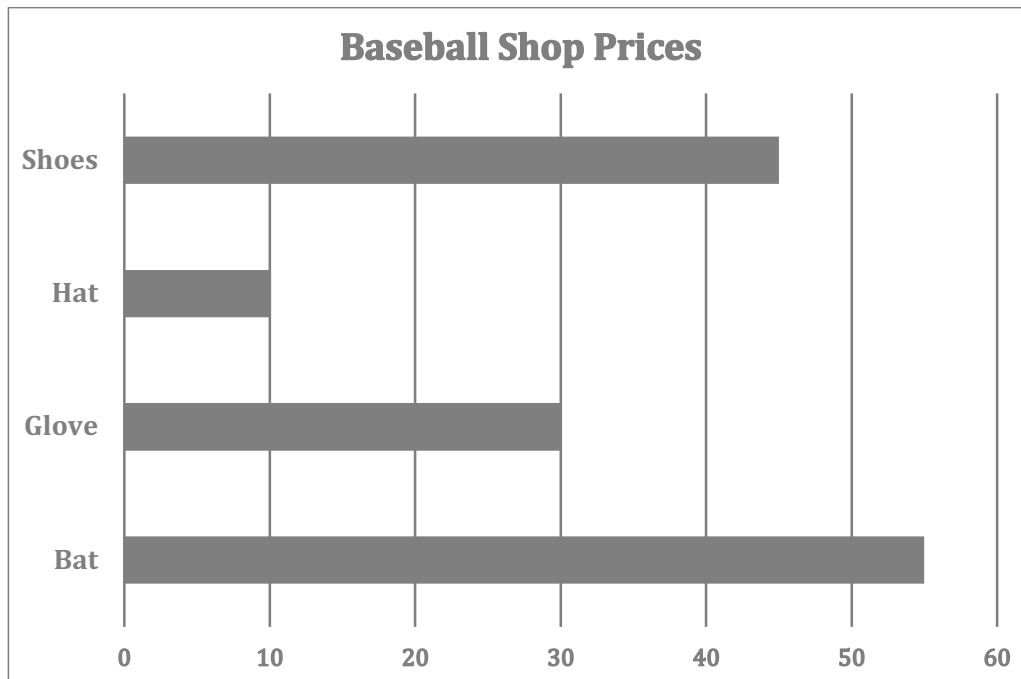
Type of Cookies	Number of Cookies Shelby Baked
Chocolate Chip	14
Oatmeal Raisin	24
Peanut Butter	26

Shelby baked some peanut butter cookies. She dropped 8 of them while walking to the bake sale. How many peanut butter cookies does Shelby have left?

BUCCANEER PROBLEMS: LESSON 38



A.



Kelly bought shoes. Now she has \$97. How much money did Kelly have to start with?

B. Mason went to the pool 5 times this week. In the morning, he swam some laps. Then, he swam 10 more laps. Altogether, he swam 30 laps. How many laps did he swim in the morning?

C. Lena earned some money raking leaves. Then, she spent \$3 at the candy store and has \$5 left. How much money did Lena have to start with?



JOLLY ROGER REVIEW: LESSON 38

A. $5 + 8 = \underline{\quad}$

B. $16 - 9 = \underline{\quad}$

C. $16 - 7 = \underline{\quad}$

D. $1 + 2 = \underline{\quad}$

E. $8 + 3 = \underline{\quad}$

F.
$$\begin{array}{r} 14 \\ + 67 \\ \hline \end{array}$$

G.
$$\begin{array}{r} 39 \\ + 39 \\ \hline \end{array}$$

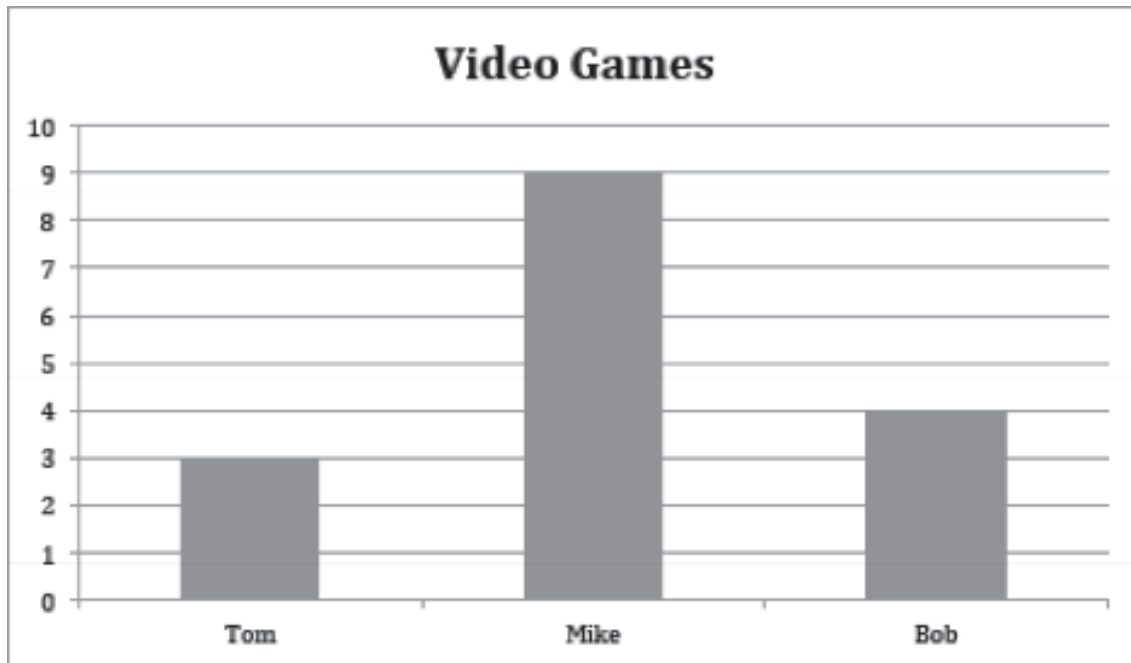
JOLLY ROGER REVIEW: LESSON 38

Bruno colored 16 pages in his coloring book. Then, he colored 9 more pages. The book had 90 pages. How many pages has Bruno colored?

BUCCANEER PROBLEMS: LESSON 39



A.



Mike played video games in the morning. Later that day, he played 15 sports games. How many games has Mike played now?

B. There were some puppies at the pet store. A family came to the pet store and bought 1 puppy. Now, there are 4 puppies left. How many puppies were at the pet store to start with?

C. Bess had a party. She invited 2 fewer boys than girls to the party. She invited 15 boys. How many girls did she invite?



JOLLY ROGER REVIEW: LESSON 39

A. Write the Total equation 2 times.

B. Write the Difference equation 2 times.

C. Write the Change equation 2 times.

JOLLY ROGER REVIEW: LESSON 39

The store sells 12 yellow shirts, 9 blue shirts, and 25 green shirts. Each shirt costs \$9. How many shirts are for sale?

EQUATION QUEST: LESSON 40



equal sign: *the same as*

A. $2 + X = 5 + 5$

B. $X + 4 = 1 + 6$

C. $2 + 2 + 2 = X + 4$

=

BUCCANEER PROBLEMS: LESSON 40



A. Malik had 2 peppers. Then, he bought 3 peppers at the store, and his friend gave him 4 peppers from his garden. How many peppers does Malik have now?

B. Min had \$6. On Saturday, she earned \$4 for doing chores. Then, she spent \$7 at the movies. How much money does Min have left?

C. Gina spent \$34 at the post office. She spent \$19 to mail packages. Gina spent the rest on stamps. How much did Gina spend on stamps?



JOLLY ROGER REVIEW: LESSON 40

A. $9 + 2 = \underline{\quad}$

B. $14 - 5 = \underline{\quad}$

C. $9 - 2 = \underline{\quad}$

D. $8 + 8 = \underline{\quad}$

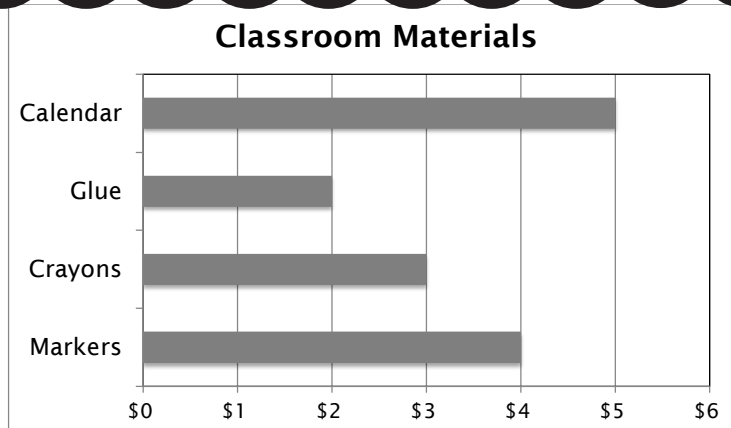
E. $6 + 7 = \underline{\quad}$

F.
$$\begin{array}{r} 77 \\ - 62 \\ \hline \end{array}$$

G.
$$\begin{array}{r} 29 \\ + 17 \\ \hline \end{array}$$

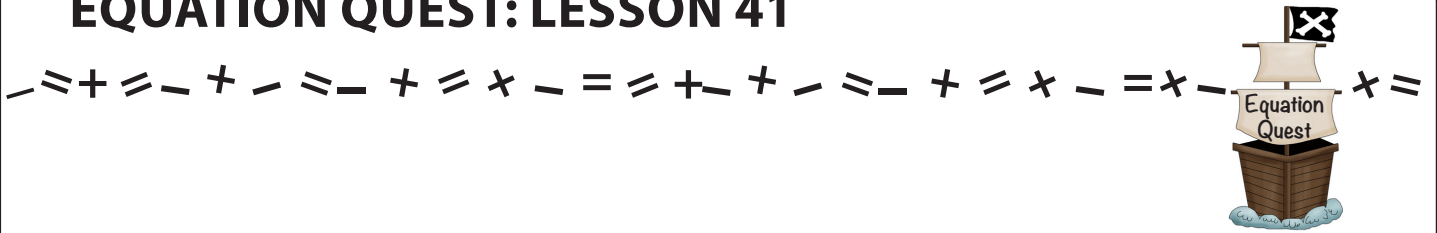
JOLLY ROGER REVIEW: LESSON 40

Classroom Materials



How much did the teacher spend on crayons, markers, and a calendar?

EQUATION QUEST: LESSON 41



equal sign: *the same as*

A. $3 + 6 = X + 4$

B. $10 + 20 = 14 + X$

C. $X - 5 = 13$

BUCCANEER PROBLEMS: LESSON 41



A. Dan had \$6 in his piggy bank. Then, he got \$5 from the tooth fairy. He also earned \$10 mowing lawns. How much money is in his piggy bank now?

B. Jean ate 5 strawberries. Her dad gave her some more strawberries. She ate 8 strawberries in all. How many strawberries did her dad give her?

C. Thomas had 24 M&Ms and 12 Skittles. At lunch, Thomas ate some M&Ms. If he has 6 M&Ms left, how many did he eat?



JOLLY ROGER REVIEW: LESSON 41

A. $1 + 4 = \underline{\quad}$

B. $6 - 1 = \underline{\quad}$

C. $8 - 1 = \underline{\quad}$

D. $1 + 5 = \underline{\quad}$

E. $9 + 1 = \underline{\quad}$

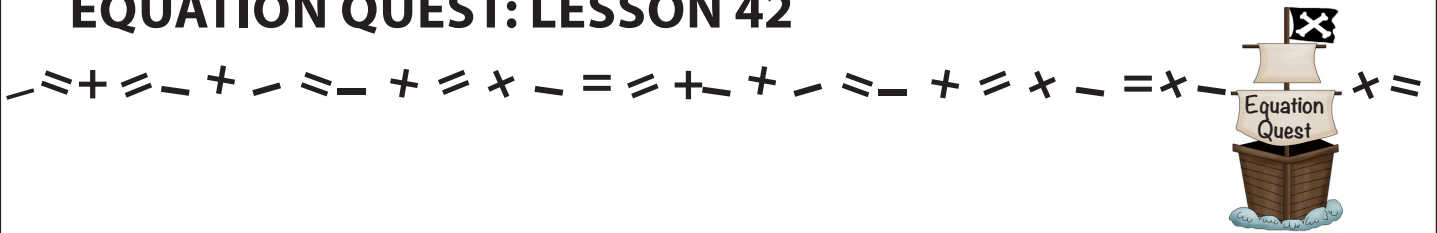
F.
$$\begin{array}{r} 82 \\ - 35 \\ \hline \end{array}$$

G.
$$\begin{array}{r} 41 \\ + 58 \\ \hline \end{array}$$

JOLLY ROGER REVIEW: LESSON 41

Paula has 22 race cars. She lost 5 race cars. Then, her friend Daniela gave her 42 more. How many race cars does Paula have now?

EQUATION QUEST: LESSON 42



equal sign: *the same as*

A. $X - 2 = 4 + 3$

B. $8 - X = 10 - 7$




C. $6 - X = 3$

BUCCANEER PROBLEMS: LESSON 42



A. Carl bought 7 hot dogs before the baseball game. Then, he bought 4 more hot dogs and 8 baskets of french fries during the game. After the game he bought 3 more hot dogs. How many hot dogs did Carl buy?

B.

Baseball Cards	
Hank	
Troy	
Ava	

Each  stands for 1 baseball card.

The graph shows how many baseball cards Hank had on Monday. Greg gave him 19 more cards on Tuesday. How many baseball cards does Hank have now?

C. Kara had some money in her piggy bank. For her birthday she got \$15 and 3 games. Now, she has \$32 in her piggy bank. How much money did Kara have to start with?



JOLLY ROGER REVIEW: LESSON 42

A. $11 - 3 = \underline{\quad}$

B. $3 + 9 = \underline{\quad}$

C. $7 - 3 = \underline{\quad}$

D. $3 + 6 = \underline{\quad}$

E. $3 + 3 = \underline{\quad}$

F.
$$\begin{array}{r} 124 \\ - 33 \\ \hline \end{array}$$

G.
$$\begin{array}{r} 65 \\ + 57 \\ \hline \end{array}$$

JOLLY ROGER REVIEW: LESSON 42

Color of Race Car	Number of Race Cars to Start
Blue	12
Red	36
Green	56

Renata had some green race cars. Then, she gave 17 to her baby brother. How many race cars does Renata have now?

BUCCANEER PROBLEMS: LESSON 43



A. Jen has 9 cookies. Carol has 4 more cookies than Jen. How many cookies does Carol have?

B. Carol has 43 cookies. She dropped 26 on the floor. How many cookies does she have now?

C. There are 15 chocolate and oatmeal cookies in the cookie jar. If there are 10 chocolate cookies, how many oatmeal cookies are there?



JOLLY ROGER REVIEW: LESSON 43

A. $12 - 5 = \underline{\quad}$

B. $8 + 5 = \underline{\quad}$

C. $14 - 5 = \underline{\quad}$

D. $9 + 5 = \underline{\quad}$

E. $1 + 5 = \underline{\quad}$

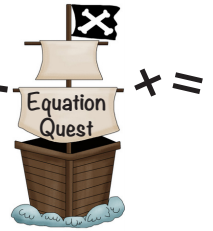
F.
$$\begin{array}{r} 157 \\ - 46 \\ \hline \end{array}$$

G.
$$\begin{array}{r} 77 \\ + 42 \\ \hline \end{array}$$

JOLLY ROGER REVIEW: LESSON 43

Felicia and Zach made 49 cookies for the class party. Before they brought the cookies to school, they ate 11 of the cookies. On the way to school, they dropped 6 cookies. How many cookies did Felicia and Zach bring to school?

EQUATION QUEST: LESSON 44



equal sign: *the same as*

A. $X - 15 = 70$

B. $19 - X = 15$

Write in a number



Write in a number that is less






C. $\underline{\quad} - X = \underline{\quad}$

BUCCANEER PROBLEMS: LESSON 44



A. Mr. Harris has \$45. He spent \$22 at the bookstore and \$13 at the post office. How much money did he spend?

B.

Costs at Ice Cream Shop	
Ice Cream Cone	
Banana Split	
Root Beer Float	?
Hot Fudge Cake	

Each  stands for \$1.

A banana split costs \$4 more than a root beer float. How much money does a root beer float cost?

C. Juan spent \$3 at the candy store. He bought 38 pieces of candy. Then he gave some to his sister. Now, he has 22 pieces of candy. How many pieces of candy did he give away?



JOLLY ROGER REVIEW: LESSON 44

A.
$$\begin{array}{r} 285 \\ - 86 \\ \hline \end{array}$$





D.
$$\begin{array}{r} 188 \\ - 86 \\ \hline \end{array}$$

B.
$$\begin{array}{r} 94 \\ + 99 \\ \hline \end{array}$$

E.
$$\begin{array}{r} 84 \\ + 38 \\ \hline \end{array}$$

C. $14 - 8 = \underline{\quad}$

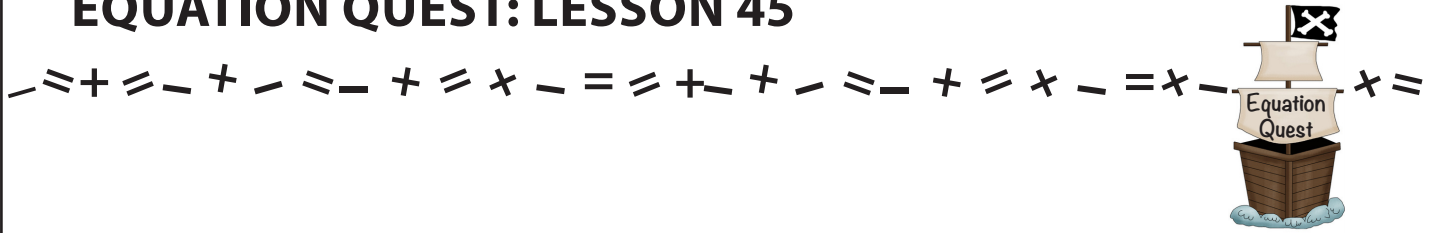
JOLLY ROGER REVIEW: LESSON 44

Total Birds Seen at Camp on the Second Day	
Robins	
Crows	
Bluebirds	
Woodpeckers	

Each  stands for 5 birds.

On the first day of camp, campers saw 10 crows. On the second day, they saw some more. How many crows did the campers see on the first and second days?

EQUATION QUEST: LESSON 45



equal sign: *the same as*

A. $X + 37 = 84$

B. $X - 10 = 55$

C. $X - \underline{\quad} = \underline{\quad}$

Write in a number Write in a number that is less

Two thick black arrows point downwards from the text above to the two blank lines in the equation $X - \underline{\quad} = \underline{\quad}$.

BUCCANEER PROBLEMS: LESSON 45



A. There are 13 more horses than pigs at the farm. If there are 25 horses, how many pigs are there?

B. The horses and pigs ate 44 apples. If the horses ate 32 apples, how many apples did the pigs eat?

C. There were 7 pigs playing in the mud. Later that afternoon, 4 more pigs started playing in the mud. 5 horses watched the pigs. How many pigs are playing in the mud now?



JOLLY ROGER REVIEW: LESSON 45

A. Write the Total equation 2 times.

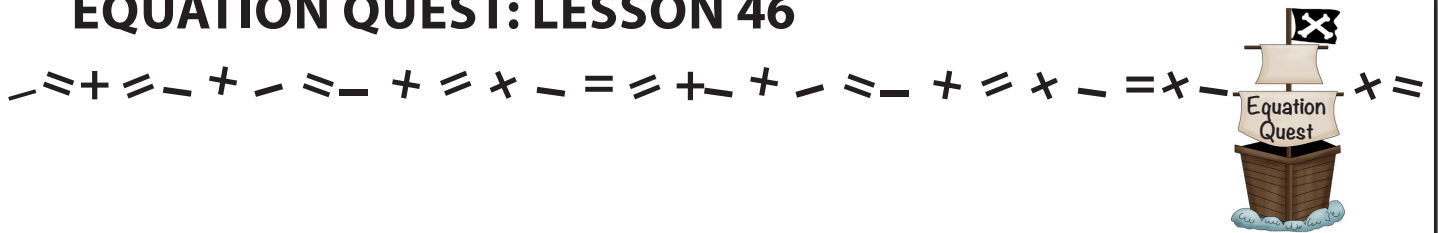
B. Write the Difference equation 2 times.

C. Write the Change equation 2 times.

JOLLY ROGER REVIEW: LESSON 45

The baseball team has 24 players and the football team has 53 players. How many players are there in all?

EQUATION QUEST: LESSON 46



equal sign: *the same as*

A. $6 + X = 10 + 10$

B. $X + 2 + 3 = 1 + 9$

C. $\underline{\quad} + 5 = 18$

BUCCANEER PROBLEMS: LESSON 46



A. Gabriella and Emilio decided to make 24 cupcakes for their class. They started with \$29. They went to the store and bought sugar, flour, and icing for \$13. How much money do they have left?

B. Zoe bought 13 paintings. She sold 9 paintings. Then, she bought 3 more paintings. How many paintings does Zoe have now?

C. Amari had some cookies. Then, he baked 49 more cookies. Now he has 85 cookies. How many cookies did he have to start with?



JOLLY ROGER REVIEW: LESSON 46

A. $5 + 6 = \underline{\quad}$

B. $7 + 8 = \underline{\quad}$

C. $9 + 1 = \underline{\quad}$

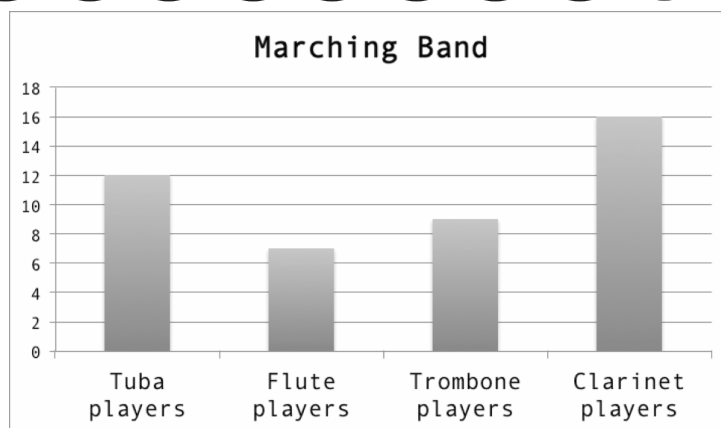
D. $3 + 2 = \underline{\quad}$

E. $4 + 5 = \underline{\quad}$

F.
$$\begin{array}{r} 52 \\ + 35 \\ \hline \end{array}$$

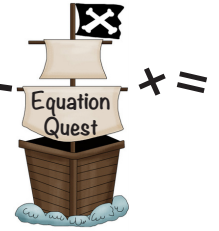
G.
$$\begin{array}{r} 41 \\ + 58 \\ \hline \end{array}$$

JOLLY ROGER REVIEW: LESSON 46



There were some tuba players in the marching band. Then, 8 tuba players left the band. How many members of the marching band still play the tuba?

EQUATION QUEST: LESSON 47



equal sign: *the same as*

A. $10 - X = 3 + 5$

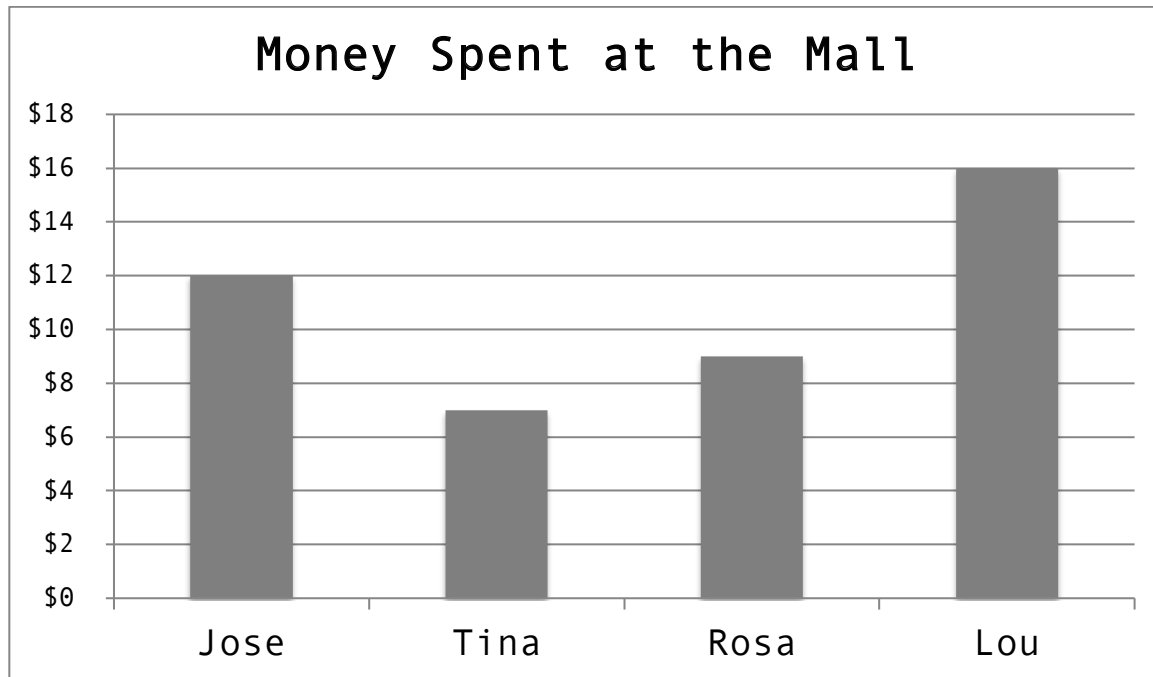
B. $X + 19 = 42 + 12$

C. $\underline{\quad} = 9 + 9$

BUCCANEER PROBLEMS: LESSON 47



A.



Lou earned some money raking leaves. Then, he spent money at the mall and has \$25 left. How much money did Lou have to start with?

B. Mom put some jelly doughnuts on a plate. Then, Leonardo ate 3 doughnuts. Now, there are only 18 doughnuts left. How many doughnuts were on the plate at first?

C. A bus had 13 passengers. Then, some more passengers got on the bus. Now, the bus has 46 passengers. How many passengers got on the bus?



JOLLY ROGER REVIEW: LESSON 47

A. Write the Total equation 2 times.

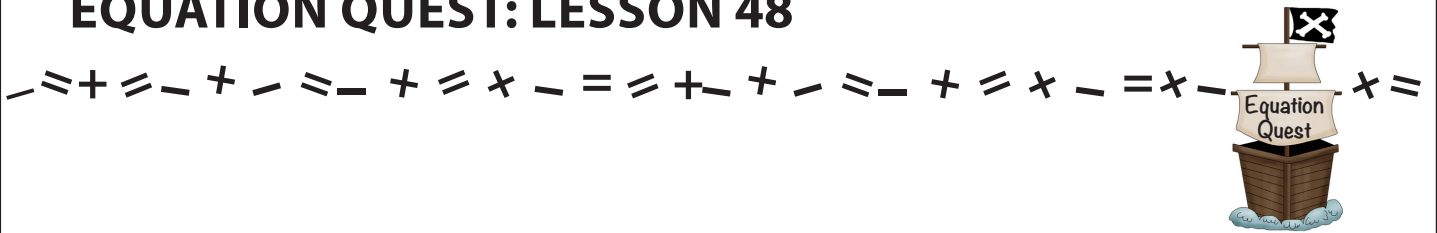
B. Write the Difference equation 2 times.

C. Write the Change equation 2 times.

JOLLY ROGER REVIEW: LESSON 47

There were 40 people on the train. Then, 22 more people boarded the train. At the next stop, 50 people got off the train. How many people are left on the train?

EQUATION QUEST: LESSON 48



equal sign: *the same as*

A. $\underline{\quad} + 8 = 17$

B. $X - 16 = 20 + 35$

C. $X = 75 - 63$





BUCCANEER PROBLEMS: LESSON 48



A. There were some girls on the soccer team. Then, 6 new girls joined the team. Now there are 19 girls on the team. How many girls were on the team at first?

B. In the morning, it rained 2 inches. Then in the afternoon it rained some more. Over the whole day, it rained 5 inches. How many inches did it rain in the afternoon?

C.

Home runs	
Dan	
Eric	
Lamar	
Adam	

How many home runs did Dan, Lamar, and Adam hit?

















JOLLY ROGER REVIEW: LESSON 48

A. Write the Total equation 2 times.

B. Write the Difference equation 2 times.

C. Write the Change equation 2 times.

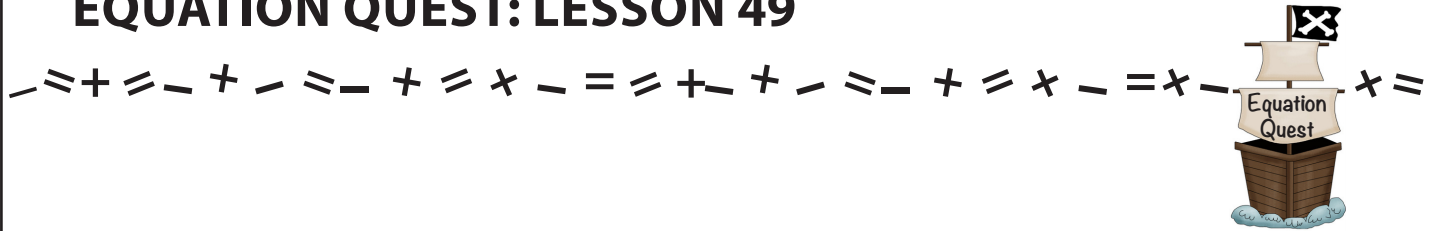
JOLLY ROGER REVIEW: LESSON 48

Cans of Paint	
White	  
Red	   
Green	 
Blue	    

Each  stands for
10 cans.

How many red and blue cans of paint were sold at the store?

EQUATION QUEST: LESSON 49



equal sign: *the same as*

A. $19 - X = 15$

B. $20 + 7 + X = 45$

C. $X + 27 = 66$




BUCCANEER PROBLEMS: LESSON 49




A. There were 41 kids at the lunch table. Then, 9 kids got up to buy milk and 13 kids cleared their trays. How many kids are at the table now?

B. Marta planted 34 lettuce plants in her garden. Then, she planted 13 more lettuce plants. One night a rabbit ate 22 of her lettuce plants. How many lettuce plants does Marta have left?

C.

Toy Prices	
Video	
Blocks	
Doll House	

Each  stands for \$5.

Mariana had \$20 in her piggy bank. Her grandma gave her \$20 for her birthday. Then, she bought blocks. How much money does Mariana have now?



JOLLY ROGER REVIEW: LESSON 49

A. $6 + 7 = \underline{\quad}$

F. $\begin{array}{r} 90 \\ - 64 \\ \hline \end{array}$

B. $9 + 6 = \underline{\quad}$














C. $13 - 6 = \underline{\quad}$

G. $\begin{array}{r} 27 \\ + 37 \\ \hline \end{array}$

D. $6 + 5 = \underline{\quad}$

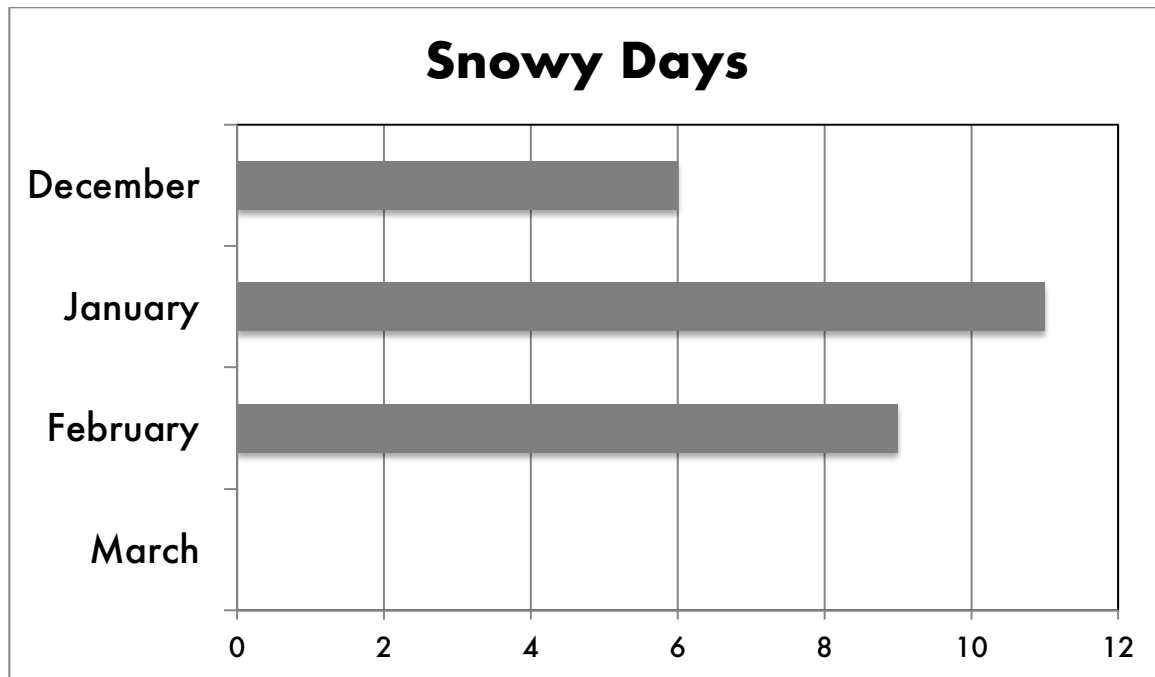
E. $15 - 6 = \underline{\quad}$

JOLLY ROGER REVIEW: LESSON 49

Cans of Paint that Sally bought	
White	  
Red	   
Green	 
Blue	    

Each  stands for 10 cans.

Sally bought some blue cans of paint. On the walk home, she dropped 2 blue cans of paint. Then, her friend Mala gave her 18 more blue cans of paint. How many blue cans of paint does Sally have now?



A. There were 3 fewer snowy days in March than in December. How many snowy days were there in March?

B. How many snowy days were there in January, February, and March?

C. Abdul made 16 cupcakes. Then, he made 6 more. His friends ate 8 of the cupcakes. How many cupcakes are left?



JOLLY ROGER REVIEW: LESSON 50

A. Write the Total equation 2 times.

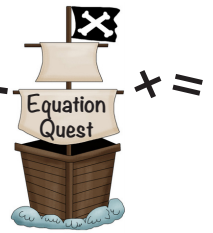
B. Write the Difference equation 2 times.

C. Write the Change equation 2 times.

JOLLY ROGER REVIEW: LESSON 50

Meena has 56 more stamps than Jayda. Jayda has 33 stamps. Each girl has collected stamps for 3 years. How many stamps does Meena have?

EQUATION QUEST: LESSON 51



equal sign: *the same as*

A. $9 + X = 5 + 8$

B. $X = 8 - 3$

C. $X - 6 = 5 + 8$

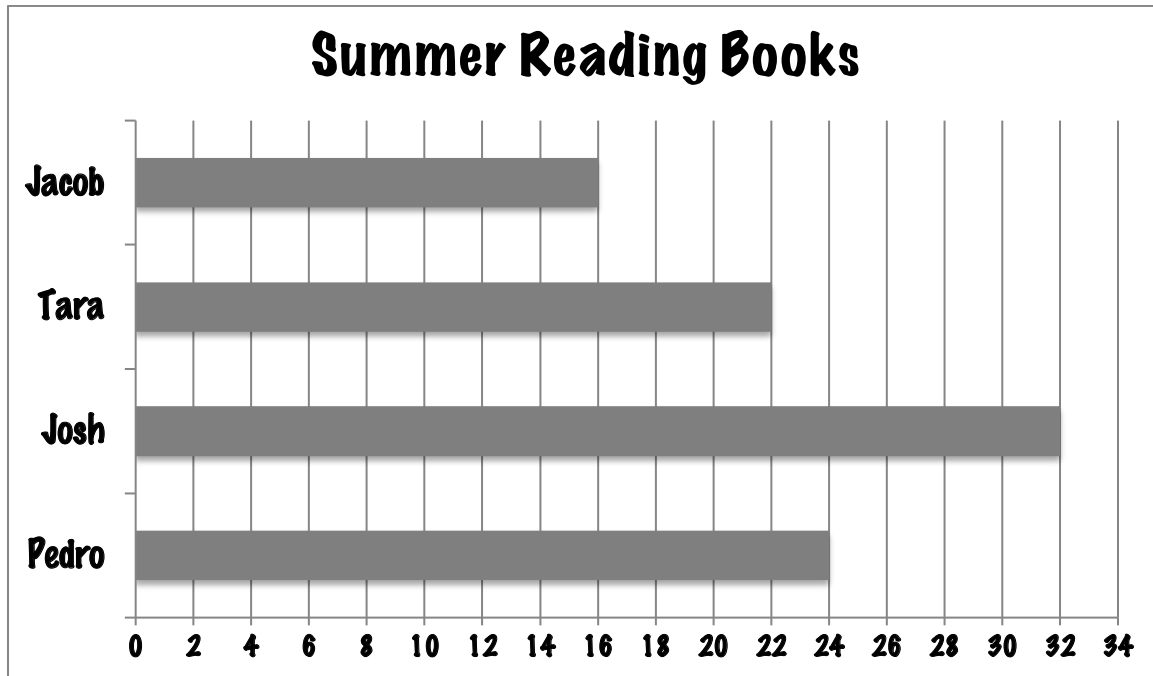
BUCCANEER PROBLEMS: LESSON 51



A. A pirate had a collection of swords. He had 27 swords, but then some swords fell in the sea during a stormy night. If the pirate has 15 swords left, how many swords did he lose in the storm?

B. Faith had 37 snowballs in her pile. Then she made 23 more snowballs. Then Cam gave her 14 more snowballs. How many snowballs does Faith have?

C.



How many more books did Pedro read than Jacob?



JOLLY ROGER REVIEW: LESSON 51

A. $9 + 6 = \underline{\quad}$

B. $9 + 9 = \underline{\quad}$

C. $14 - 9 = \underline{\quad}$

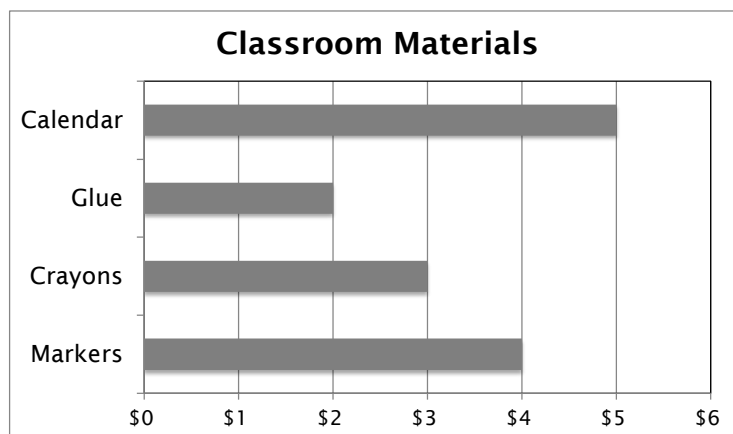
D. $9 + 4 = \underline{\quad}$

E. $18 - 9 = \underline{\quad}$

F. $\begin{array}{r} 99 \\ - 34 \\ \hline \end{array}$

G. $\begin{array}{r} 29 \\ + 39 \\ \hline \end{array}$

JOLLY ROGER REVIEW: LESSON 51



Ratna bought a calendar, glue, crayons, and markers. How much money did she spend?