

Third Grade Essential Standards

1. Select an **operation** to solve word problems.

- *Student Friendly Learning Objective - I can decide when to use +, -, x , \div to solve a word problem.*

1. Sandra has 12 stickers. She wants to have a total of 20. How many more does she need? To solve this problem you would _____12 from 20.

- a. add
- b. subtract
- c. multiply

2. Mark had 15 pieces of gum. He shared them with his 5 friends evenly. How many pieces of gum did each friend get? To solve this problem you would _____.

- a. add
- b. multiply
- c. divide

2. Solve problems using **estimation**.

- *Student Friendly Learning Objective - I can round a number to show estimation and solve a word problem.*

1. Estimate the answer by rounding to the nearest ten: $19 + 12 =$

- a. 10
- b. 20
- c. 30

2. Bill collected baseball cards. He had 22 and his mom gave him 19 more. About how many baseball cards does Bill have now?

- a. 20
- b. 30
- c. 40

3. Make predictions based on a variable.

- *Student Friendly Learning Objective - I can predict what will happen as events change.*

1. You have 12 cookies to share with your friends. If you share with more friends you will get _____ cookies.

- a. more
- b. less
- c. the same amount of

2. Every week Michael increases the number of chapters he reads in his book by one. This week he read 10 chapters. How many chapters do you predict he will read three weeks from now?

- a. 11
- b. 13
- c. 3

4. Describe relationships of two- and three-dimensional solids.

- *Student Friendly Learning Objective - I can compare two- and three-dimensional solids.*

1. What is a three dimensional square?

- a. rectangle
- b. cube
- c. sphere

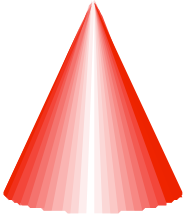
2. A two-dimensional pyramid is called a _____.

- a. triangle
- b. cube
- c. cone

5. Name two- and three-dimensional solids.

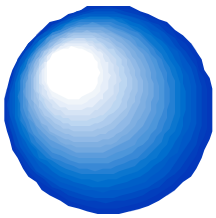
- *Student Friendly Learning Objective - I can compare two- and three-dimensional solids.*

1. What is the name of the object?



- a. sphere
- b. cone
- c. pyramid

2. What is the name of the object?



- a. sphere
- b. cone
- c. cylinder

6. Select the appropriate measure of accuracy and measure an object using the appropriate unit of measure.

- *Student Friendly Learning Objective - I can pick the unit of measurement to measure length, capacity, and mass.*

1. What would you use to measure a car?

- a. centimeters
- b. meters
- c. kilometers

2. What would you use to measure a toy car?

- a. centimeters
- b. meters
- c. kilometers

7. **Compare** units of measurement to determine more or less relationships.

- *Student Friendly Learning Objective - I can show more and less in length, time, and money.*

1. 7 centimeters are _____ 4 meters.

- a. more than
- b. less than
- c. equal to

2. 16 days are _____ 2 weeks.

- a. more than
- b. less than
- c. equal to

8. Determine relationships for volume, weight and money.

- *Student Friendly Learning Objective - I can show connections between units of measurement for volume, weight, and money.*

1. 8 quarters are equal to _____ dollars.

- a. 1
- b. 2
- c. 3

2. 4 pounds equal ____ ounces.

- a. 8
- b. 32
- c. 64

9. **Compare** the length of two objects using **U.S. customary** or **metric** units.

- *Student Friendly Learning Objective - I can compare the length of two objects using U.S. customary or metric units.*

1. Juan's car is 2 yards wide. Paul's car is 8 feet wide. Which car is the widest?

- a. Juan's car
- b. Paul's car
- c. They are the same

2. Daniel is 5 feet 4 inches tall. Kristal is 5 feet 6 inches tall. How much taller is Kristal than Daniel?

- a. 1 inch
- b. 2 inches
- c. 3 inches

10. Determine **perimeter** using a rectangular array.

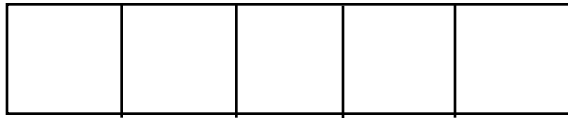
- *Student Friendly Learning Objective - I can find the perimeter using a rectangular array.*

1. What is the perimeter of the square?



- a. 3 units
- b. 6 units
- c. 8 units

2. What is the perimeter of the rectangle?



- a. 2 units
- b. 4 units
- c. 12 units

11. Draw conclusions based on existing information.

- *Student Friendly Learning Objective - I can compare the length of two objects using U.S. customary or metric units.*

1. Everyone in the Jones family loves pizza. Mary is part of the Jones family so she must_____.

- a. love hamburgers
- b. love pizza
- c. not love pizza

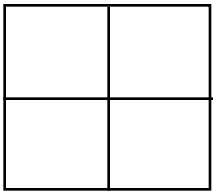
2. Everyone in Mrs. Kelsan's class is good at reading. How many students in Mrs. Kelsan's class aren't good readers?

- a. 12
- b. 0
- c. 4

Additional Third Grade Standards

12. Represent area using a rectangular array.

1. What is the area of the square?



- a. 4 square units
- b. 8 square units
- c. 8 units

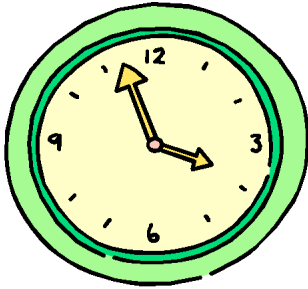
2. What is the area of the rectangle?



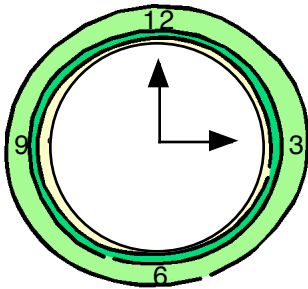
- a. 2 square units
- b. 5 square units
- c. 12 square units

13. Tell time with one minute precision.

1. What time does the clock say? _____



2. What time does the clock say? _____



14. Discriminate necessary from unnecessary information in a word problem.

1. Mary had a tuna sandwich, lemonade and yogurt for lunch. The sandwich costs \$1.29, the lemonade costs \$. 79 and the yogurt costs \$.99. How much did she pay for the sandwich and the yogurt?

What is the unnecessary information? _____

2. A delivery truck held 200 honey jars . It also held 120 mustard jars. It was driving to San Francisco. How many more honey jars were there than mustard jars?

What is the unnecessary information? _____

15. Subtract two three digit whole numbers with and without regrouping.

$$\begin{array}{r} 1. \quad 425 \\ - \quad 12 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 162 \\ - \quad 28 \\ \hline \end{array}$$

16. Estimate length and weight using U.S. customary units.

1. A notebook is about _____.

- A. 2 inches long
- B. 1 foot long
- C. 1 yard long

2. A third grade student weighs about _____.

- A. 60 pounds
- B. 5 ounces
- C. 2 tons

17. Record estimated and actual linear measurements for real life objects.

1. A fingernail is about _____ centimeter(s) long.

2. A desk is about _____ yard(s) high.

18. Evaluate the reasonableness of estimated measures.

Answer the following statements true or false.

1. A math book weighs about 2 tons. true/ false

2. The folder weighs about 1 pound. true/ false

Third Grade Essential Vocabulary

Capacity - a measure of how much a container can hold

Customary Measurement System - the measuring system used most often in the United States (ex. inches, pounds, gallons)

Estimation - a close rather than exact answer (ex. $48+21= 60$)

Mass - matter within an object

Metric Measurement System - a measurement system (ex. meter, liter, gram)

Operation - an action performed on a set of numbers (ex. addition, subtraction...)

Perimeter - the distance around a shape or figure

Answer Key

1. 1. b 2. c

2. 1. c 2. c

3. 1. b 2. b

4. 1. b 2. a

5. 1. b 2. a

6. 1. b 2. a

7. 1. b 2. a

8. 1. b 2. c

9. 1. b 2. b

10. 1. c 2. c

11. 1. b 2. b

12. 1. a 2. b

13. 1. 3:57 2. 3:00

14. 1. The lemonade costs \$.79 2. It was driving to San Francisco

15. 1. 413 2. 134

16. 1. c 2. a

17. 1. 1 2. 1

18. 1. b 2. b