

- *1.** **Connect** Use the numbers 0.5, 0.6, and 1.1 to write two addition facts and two subtraction facts.
(6, 43)
- 2.** A whole hour is 60 minutes. How many minutes is half of an hour?
(19)
- 3.** **Compare** The space shuttle orbited 155 miles above the earth. The weather balloon floated 15 miles above the earth. The space shuttle was how much higher than the weather balloon? Explain why your answer is reasonable.
(31)
- *4.** **Write** How much change should you get back if you give the clerk \$5.00 for a box of cereal that costs \$3.85? How can you check your answer?
(41, 43)
- *5.** **Represent** Write 12.5 using words.
(Inv. 4)
- 6.** **Represent** Use digits and symbols to show that negative sixteen is less than negative six.
(Inv. 7)
- 7.** The clock shows the time Joe left for work this morning. He ate breakfast 35 minutes before that time. What time did Joe eat breakfast?
(27)
- 8.** **Represent** Write 4060 in expanded form. Then use words to write the number.
(16, 33)
- 9.** How many circles are shaded?
(35)
- 10.** Compare:
(34, 36)
- a. 2 quarters half dollar
- b. 2,100,000 one million, two hundred thousand
- 11.** Find the missing factor: $6w = 42$
(41)



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***12. a.** **Estimate** Use an inch ruler to measure this line segment to the nearest inch.
(Inv. 2)

b. **Estimate** Use a centimeter ruler to measure this line segment to the nearest centimeter.

13. Compare: $12 - (6 - 3) \bigcirc (12 - 6) - 3$
(45)

***14.** **Explain** Look at problem 13 and your answer to the problem. Does the Associative Property apply to subtraction? Why or why not?
(45)

***15.**
$$\begin{array}{r} 4.07 \\ - 2.26 \\ \hline \end{array}$$

(43)

***16.**
$$\begin{array}{r} \$5.02 \\ - \$2.47 \\ \hline \end{array}$$

(41)

17.
$$\begin{array}{r} \$5.83 \\ - \$2.97 \\ \hline \end{array}$$

(43)

18.
$$\begin{array}{r} \$3.92 \\ + \$5.14 \\ \hline \end{array}$$

(43)

***19.**
$$\begin{array}{r} 42 \\ \times 3 \\ \hline \end{array}$$

(44)

***20.**
$$\begin{array}{r} 83 \\ \times 2 \\ \hline \end{array}$$

(44)

21.
$$\begin{array}{r} 40 \\ \times 4 \\ \hline \end{array}$$

(42)

***22.**
$$\begin{array}{r} 41 \\ \times 6 \\ \hline \end{array}$$

(44)

23. $\$2.75 + 50\text{¢} + \3
(43)

***24.** $3.50 + 1.75$
(43)

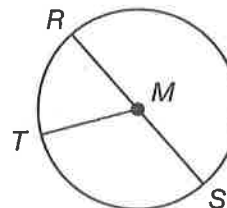
***25.** **Draw** Draw a rectangle that is 2 in. by 1 in.
(Inv. 2, Inv. 3)

- a. The perimeter of the rectangle is how many inches?
- b. The area of the rectangle is how many square inches?

***26. Multiple Choice** Which of the following segments is *not* a radius of the circle?
(21, 45)

- A \overline{RS}
- C \overline{MT}

- B \overline{RM}
- D \overline{MS}



27. **Formulate** Estrella finished the first problem in 34 seconds. She finished the second problem in 28 seconds. The first problem took how much longer to finish than the second problem? Write an equation to solve the problem.
(31)

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- *28.** Describe the order of operations in each expression. Then find the number each expression equals.
(45)
- a. $12 - (4 - 2)$
- b. $(12 - 4) - 2$
- 29.** In Dodge City, Kansas, the average maximum temperature in July is 93°F . The average minimum temperature is 67°F . How many degrees warmer is a temperature of 93°F than a temperature of 67°F ?
(18)
- *30.** The population density of Connecticut is 702.9 people per square mile. The population density of Kentucky is 101.7 people per square mile. Round to the nearest hundred to estimate how many more people per square mile live in Connecticut than live in Kentucky.
(25, 42)