

**Formulate** Write and solve an equation for problems 1–3.

- 1. Raimi bought a toy for \$1.85 and sold it for 75¢ more. For what price did he sell the toy?  
*(1, 43)*
- \*2. Two thousand people entered the contest. Only seven will win prizes. How many entrants will not win prizes?  
*(25, 52)*
- \*3. A recent census in Arkansas showed that 11,003 people live in Scott County and 8484 people live in Newton County. How many more people live in Scott County than in Newton County?  
*(31, 52)*
- \*4. Sixty percent of the students in the class were boys. Were there more girls or more boys in the class?  
*(Inv. 5)*

- 5. Draw a rectangle that is 4 cm long and 3 cm wide.  
*(Inv. 2, Inv. 3)*
  - a. What is the perimeter of the rectangle?
  - b. What is the area of the rectangle?

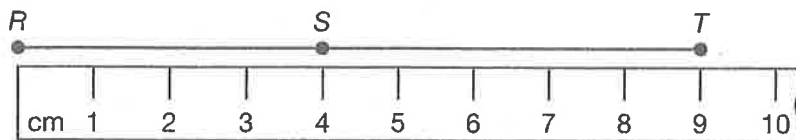
- \*6. **Analyze** Fidelia found the third multiple of 4. Then she subtracted two from this number. What was her answer?  
*(55)*
- \*7. Two factors of 15 are 1 and 15 because  $1 \times 15 = 15$ . Find two more factors of 15.  
*(55)*

- 8. Brenda arrived home from school 30 minutes before the time shown on the clock. What time did Brenda arrive home from school?  
*(27)*



- \*9. George Washington became the first U.S. president in 1789. The Declaration of Independence was written in 1776. How many years after the Declaration of Independence did Washington become president?  
*(54)*

- 10. What is the length of  $\overline{ST}$ ?  
*(Inv. 2)*



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$$\begin{array}{r} 11. \quad 4.00 \\ (50) \quad - 2.22 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 70.5 \\ (50) \quad - 42.3 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad \$45.87 \\ (43) \quad + \$23.64 \\ \hline \end{array}$$

$$\begin{array}{r} *14. \quad \$25.42 \\ (43) \quad - \$ 7.25 \\ \hline \end{array}$$

$$\begin{array}{r} *15. \quad 64 \\ (48) \quad \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 70 \\ (42) \quad \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 89 \\ (48) \quad \times 4 \\ \hline \end{array}$$


$$\begin{array}{r} 18. \quad 63 \\ (48) \quad \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad \frac{63}{7} \\ (47) \quad \hline \end{array}$$

$$*20. \quad 8 \overline{)15}$$

$$21. \quad 4.68 + 12.2 + 3.75$$

- \*22.  Draw dots and make groups to illustrate  $15 \div 6$ .

23.  Describe the order of operations in this expression and find the number it equals.

$$\sqrt{64} \div (4 + 4)$$

- \*24.  **Connect** Write this addition problem as a multiplication problem:

$$\$0.75 + \$0.75 + \$0.75 + \$0.75$$


- \*25. a. **Multiple Choice** Which of these numbers can be divided by 5 without leaving a remainder?


A 32

B 35

C 37

D 41

- b.  How can you find the answer for part a just by looking?

- \*26.  **Justify** One gallon is equal to 128 fluid ounces. Garrett estimates that four gallons is about 500 fluid ounces. Is Garrett's estimate reasonable? Explain why or why not.

27. a. Is \$2.54 closer to \$2 or to \$3?

(20, Inv.4)

- b. Is 2.54 closer to 2 or to 3?

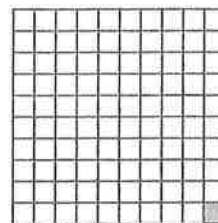
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28. a. What fraction of the large square is shaded?

(Inv. 4,  
Inv. 5)

b. The shaded part of the large square represents what decimal number?

c. What percent of the large square is shaded?



\*29. **Multiple Choice** Which of these numbers is a composite number and not a prime number?

(55)

A 2

B 3

C 4

D 5

30. How many different three-digit numbers can you write using the digits 8, 3, and 4? Each digit may be used only once in every number you write. Arrange the numbers in order from least to greatest.

(3)

### Early Finishers

Real-World Connection

The marching band at one school has 36 members. The members can march in any arrangement in which all the rows have the same number of people. Use counters or tiles to form arrays to show all the possible marching arrangements. List each way you find.