

Formulate Write and solve equations for problems 1–3.

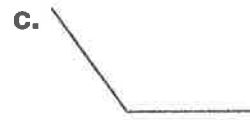
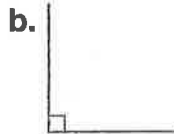
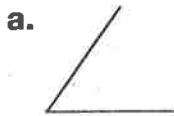
- *1. In the P.E. class there were four teams. Each team had eight players.
(49) How many players were on all four teams?
- *2. There were 7 pennies in each stack. There were 6 stacks of pennies.
(49) How many pennies were there in all?
- *3. Lalo ran the first lap in 63.4 seconds and the second lap in 65.3 seconds.
(31, 43) Lalo ran the first lap how much faster than the second lap?
- *4. **Classify** Write four multiplication/division facts using the numbers 6, 7, and 42.
(47)

5. Compare: $1 + 3 + 5 + 7 + 9$ ○ five squared
(7, Inv. 3)

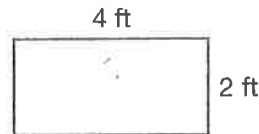
- 6. a. Round 367 to the nearest hundred.
(20, 42)
- b. Round 367 to the nearest ten.

*7. **Represent** Draw a circle and shade 50% of it.
(Inv. 5)

8. **Classify** Name each type of angle shown below:
(23)



*9. A rectangle is shown at right:
(Inv. 2, Inv. 3)



- a. What is its length?
- b. What is its width?
- c. What is its perimeter?
- d. What is its area?

10. **Represent** The amount of liquid in a container is 2.75 quarts. Use words to write that amount.
(Inv. 4)

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Name _____

- * 11.** **Estimate** The land area of Grand Portage National Monument in Minnesota is 710 acres. The land area of Oregon Caves National Monument in Arizona is 488 acres. Estimate the difference of those areas by first rounding each area to the nearest hundred acres.

- * 12.** Describe the order of operations in this expression and find the number it equals.

$$15.24 + (19.6 - 1.1)$$

*** 13.**
$$\begin{array}{r} 63,285 \\ + 97,642 \\ \hline \end{array}$$

14.
$$\begin{array}{r} \$5.00 \\ - \$4.81 \\ \hline \end{array}$$

15.
$$\begin{array}{r} n \\ + 39.8 \\ \hline 61.4 \end{array}$$

*** 16.**
$$\begin{array}{r} 85 \\ \times 5 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 37 \\ \times 7 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 40 \\ \times 8 \\ \hline \end{array}$$

19.
$$\begin{array}{r} f \\ \times 8 \\ \hline 72 \end{array}$$

20.
$$\begin{array}{r} 47.8 \\ - c \\ \hline 20.3 \end{array}$$

*** 21.**
$$\begin{array}{r} 462,586 \\ + 39,728 \\ \hline \end{array}$$

22.
$$\begin{array}{r} z \\ - 4.78 \\ \hline 2.63 \end{array}$$

Divide. Check each answer by multiplying.

*** 23.**
$$\begin{array}{r} 2 \overline{)18} \\ (51) \end{array}$$

*** 24.**
$$\begin{array}{r} 7 \overline{)21} \\ (51) \end{array}$$

*** 25.**
$$\begin{array}{r} 56 \\ \overline{)8} \\ (51) \end{array}$$

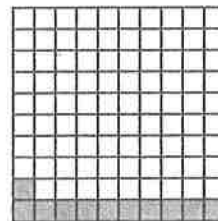
- 26.** The length of \overline{AB} is 7 cm. The length of \overline{AC} is 12 cm. How long is \overline{BC} ?



- * 27.** If half the students are boys, then what percent of the students are girls?

- * 28.** **Connect** If $5n = 0$, then what does $6n$ equal?

- * 29. Multiple Choice** Which of the following does *not* name the shaded portion of the large square?



- A $\frac{11}{100}$ B 0.11 C 11% D 11

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