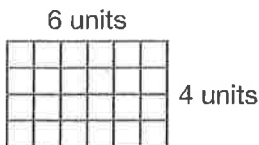


***1. Analyze** (57) Alphonso ran 6 miles per hour. At that rate, how far could he run in 3 hours? Make a table to solve this problem.

***2.** Find the perimeter and area of this rectangle:
(Inv. 2, Inv. 3)



***3. Represent** (Inv. 4) Aletta ran 100 meters in twelve and fourteen hundredths seconds. Use digits to write her time.

***4.** Taydren drew an octagon and a pentagon. How many sides did the two polygons have altogether?
(63)

***5.** 47×30
(67)

***6.** 60×39
(67)

***7.** 85×40
(67)

***8. a.** Maura ran $\frac{3}{5}$ of the course but walked the rest of the way. What fraction of the course did she walk?
(Inv. 5, 61)

b. Did Maura run more than 50% of the course or less than 50% of the course?

9. Represent (37) To what mixed number is the arrow pointing?



***10. Model** (37) Draw a number line and show the locations of 0, 1, 2, $1\frac{2}{3}$, and $2\frac{1}{3}$.

11. Represent (33) Mount Rainier stands four thousand, three hundred ninety-two meters above sea level. Use digits to write that number.

***12.** Mo'Nique could make 35 knots in 7 minutes. How many knots could she make in 1 minute?
(60)

Name _____

13. Estimate the sum of 6810 and 9030 by rounding each number to the nearest thousand before adding.
(59)

***14.** Estimate the sum of \$12.15 and \$5.95. Then find the exact sum.
(43, 59)

15. $\$20 - (\$8.95 + 75\text{¢})$
(43, 45)

16. $23.64 - 5.45$
(43)

17. 43¢
(48)
 $\times 8$

18. $\$3.05$
(58)
 $\times 5$

19. $\$2.63$
(58)
 $\times 7$

20. **Connect** Rewrite this addition problem as a multiplication problem and find the answer:
(27)

$$64 + 64 + 64 + 64 + 64$$

***21.** $5 \overline{)96}$
(68)

***22.** $7 \overline{)156}$
(68)

***23.** $3 \overline{)246}$
(65)

***24.** $\frac{216}{6}$
(65)

***25.** $4r = 156$
(41, 65)

***26.** $195 \div 8$
(68)

***27.** **Model** Use an inch ruler to find the lengths of segments AB , BC , and AC .
(39, 45)



***28. a. Multiple Choice** Which word makes the following sentence untrue?
(63, 66)

All squares are ____.

A polygons

B rectangles

C similar

D congruent

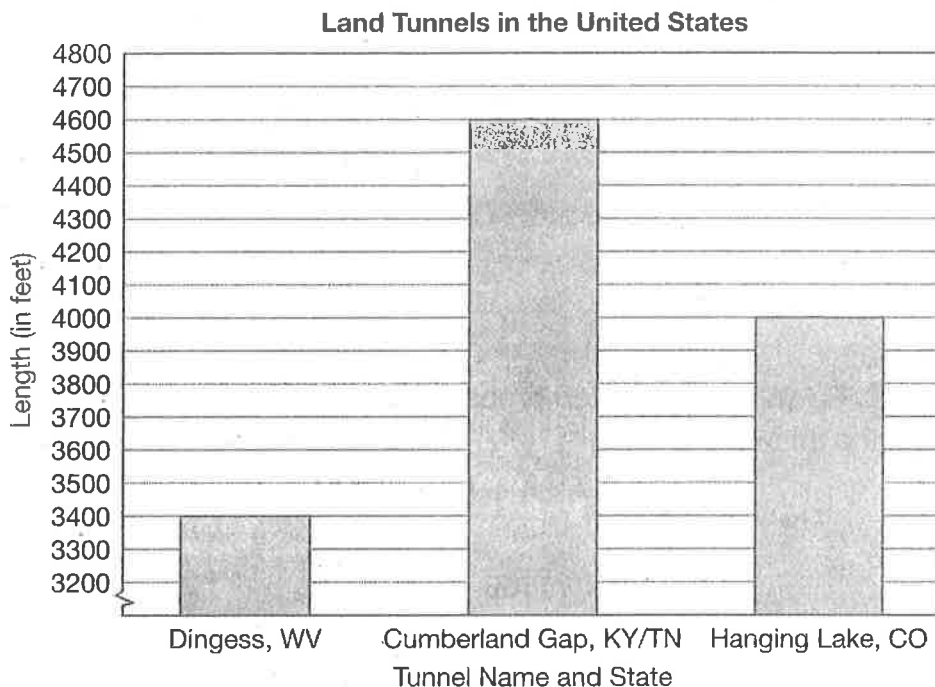
b. **Explain** Explain your choice.

29. Compare: 2 quarts \bigcirc $\frac{1}{2}$ gallon
(40)

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Name _____

- *30.** **Interpret** The lengths of three land tunnels in the United States are shown in the graph. Use the graph to answer parts **a–c**.
(Inv. 6)



- Write the names of the tunnels in order from shortest to longest.
- How many feet longer is the Hanging Lake Tunnel than the Dingess Tunnel?
- One mile is equal to 5280 feet. Are the combined lengths of the tunnels more than or less than 2 miles?

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