

11. 1.6 liters of cold medicine is sold in one month. If the total amount paid for the cold medicine was \$8,000, how much does each milliliter cost? *TS: each mL cost \$5*

$$\begin{aligned} 1.6 \text{ L} &= \text{--- mL} \\ &= 1.6 \times (1 \text{ L}) \\ &= 1.6 \times (1000 \text{ mL}) \\ &= 1600 \text{ mL} \end{aligned}$$

$$\begin{aligned} 8000 \div 1600 &= \\ 8000 \div 100 \div 16 &= \\ 80 \div 16 &= 5 \end{aligned}$$

12. What is a reasonable estimate for $453.28 \div 63$?

$$\approx 420 \div 60 = 7$$

OR

$$480 \div 60 = 8$$

13. Fill in the blanks about the division problem below:

$$8,525 \div 25 = (8,000 + \underline{500} + 20 + 5) \div 25$$

The missing value is 500 and the quotient is 341.

$$\begin{array}{r} 341 \\ 25 \overline{) 8525} \\ \underline{-750} \\ 102 \\ \underline{-100} \\ 25 \\ \underline{-25} \\ 0 \end{array}$$

14. Find the values of each expression below.

5.NBT.2

A. $564 \div 10^2 = 5.64$
564 ÷ 100

B. $564 \times 0.1 = 56.4$
(÷10)

15. Which expression(s) has (have) a value of 50? Select all that apply.

5.OA.1

- A. $8 + 2 \times (19 - 14) = 8 + 2 \times 5 = 8 + 10 = 18$
 B. $(8 + 2) \times (19 - 14) = 10 \times 5 = 50$
 C. $2 \times (8 \times 4 + 18) - 20 = 2 \times 50 - 20 = 100 - 20 = 80$
 D. $(2 \times 8) \times (2 + 1) - 10 = 16 \times 3 - 10 = 38$
 E. $(9 \times 25) - (8 \times 25) = 225 - 200 = 25$
 F. $(9 \times 25) - (7 \times 25) = 225 - 175 = 50$

16. Gibsons has 170 donuts. If they sell the donuts in boxes with a dozen donuts in each box, what is the maximum number of boxes they can sell?

5.NBT.6

TS: They can sell 14 boxes of donuts.

$$170 \div 12 =$$

$$\approx 170 \div 10 = 17$$

$$\begin{array}{r} 14 \\ 12 \overline{) 170} \\ \underline{-120} \\ 50 \\ \underline{-48} \\ 2 \end{array}$$

17. The art gallery has a painting that is 57 inches long and sculpture that is 4 feet 8 inches long. Which is longer and by how much?

TS: The painting is longer by 1 in.
 $57\text{in} > 56\text{in}$

Painting = 57 inches

sculpture = 4ft = $\frac{\text{---}}{\text{---}}$ in
 $= 4 \times (1\text{ft})$
 $= 4 \times (12\text{in})$
 $48\text{in} + 8\text{in} = 56\text{in}$

18. The weight of 43 identical ^{marbles} is 224.46 grams total. What is the weight of each marble?

$224.46\text{g} \div 43$
 $\approx 240 \div 40 = 6$

$$\begin{array}{r} 5.22 \\ 43 \overline{) 224.46} \\ \underline{-215} \\ 894 \\ \underline{-86} \\ 860 \\ \underline{-860} \\ 0 \end{array}$$

$$\begin{array}{r} 5.22 \\ \times 43 \\ \hline 15.66 \\ 208.80 \\ \hline 224.46 \end{array}$$

19. What is the quotient of $7,315 \div 35$?

$\approx 7200 \div 40 = 180$

$$\begin{array}{r} 209 \\ 35 \overline{) 7315} \\ \underline{-70} \\ 31 \\ \underline{-30} \\ 15 \\ \underline{-14} \\ 15 \end{array}$$

$$\begin{array}{r} 209 \\ \times 35 \\ \hline 1045 \\ 14270 \\ \hline 7315 \end{array}$$

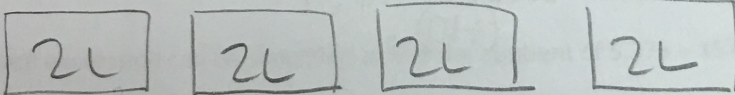
20. A coach prepared 4 drink dispensers before a game. Each dispenser held 2 liters of sports drink. If all 4 were empty after the game and each glass contains 500 mL, how many glasses were filled?

TS: 16 glasses were filled.

$4 \times 2\text{L} = 8\text{L} = 8000\text{mL}$

$8000\text{mL} \div 500\text{mL}$

$16 \ 16$



21. A store is ordering shelves that come in boxes with 32 shelves in each box. If they order 65 boxes, how many shelves will the store receive?

TS: The store will receive 2080 shelves.

$$\begin{array}{r} 32 \\ \times 65 \\ \hline 160 \\ + 1920 \\ \hline 2080 \end{array}$$