

Name _____

Date _____

Solve.

1. Lamar has 1,354.5 kilograms of potatoes to deliver equally to 18 stores. 12 of the stores are in the Bronx. How many kilograms of potatoes will be delivered to stores in the Bronx?

903 Kg of potatoes delivered to the Bronx.

$$\begin{array}{r} 1354.5 \\ \hline ? \quad | \dots | \\ \boxed{1 \quad 2} \quad \boxed{18} \end{array}$$

75.25 kg

$$18 \overline{)1354.50} \quad \text{75.25} \\ \underline{126} \quad | \\ \begin{array}{r} 94 \\ 90 \\ \hline 345 \\ -36 \\ \hline 90 \\ \hline 90 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 75.25 \\ \times 12 \\ \hline 15050 \\ + 75250 \\ \hline 903.00 \end{array} \quad \begin{array}{r} 18 \\ 7 \\ \hline 126 \\ 48 \\ 5 \\ \hline 90 \\ 18 \\ 2 \\ \hline 36 \end{array}$$

2. Valerie uses 12 fluid oz of detergent each week for her laundry. If there are 75 fluid oz of detergent in the bottle, in how many weeks will she need to buy a new bottle of detergent? Explain how you know.

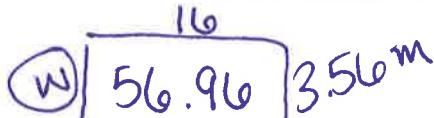
Valerie will need detergent in 6 weeks.

$$\begin{array}{r} 75 \text{ oz} \\ \hline 12 \quad | \dots ? \\ \boxed{1 \quad 2} \end{array}$$

$$12 \overline{)75.00} \quad 6.25 \\ \underline{72} \\ \begin{array}{r} 30 \\ -24 \\ \hline 60 \\ -60 \\ \hline 0 \end{array}$$

Valerie will need to buy a new bottle after 6 weeks. She will have a little detergent left over, but not enough for Week 7.

3. The area of a rectangle is 56.96 m^2 . If the length is 16 m, what is its perimeter?



$$A = l \times w$$

$$\frac{56.96}{16} = \frac{16 \times w}{16}$$

$$\begin{array}{r} 3.56 \\ 16 \overline{)56.96} \\ -48 \downarrow \\ \hline 89 \\ -80 \downarrow \\ \hline 96 \\ -96 \\ \hline 0 \end{array}$$

The perimeter is 39.12 m.

$$P = 2 \times (l + w)$$

$$2 \times (16 + 3.56)$$

$$P = 2 \times 19.56$$

$$P = 39.12$$

$$\begin{array}{r} 16 \\ 3 \overline{)48} \\ \hline 48 \end{array}$$

$$\begin{array}{r} 3 \\ 16 \overline{)19.56} \\ -16 \downarrow \\ \hline 36 \\ -32 \downarrow \\ \hline 4 \end{array}$$

$$\begin{array}{r} \times 5 \\ 80 \\ \hline 400 \end{array}$$

$$\begin{array}{r} 19.56 \\ 16 \overline{)39.12} \\ -32 \downarrow \\ \hline 71 \\ -64 \downarrow \\ \hline 72 \\ -64 \downarrow \\ \hline 80 \\ -64 \downarrow \\ \hline 16 \\ -16 \downarrow \\ \hline 0 \end{array}$$

4. A city block is 3 times as long as it is wide. If the distance around the block is 0.48 kilometers, what is the area of the block in square meters?



$$l = \begin{array}{ccccccc} 180 & & & & & & \\ \hline 60 & | & 60 & | & 60 & | & 60 \end{array}$$

$$W = \begin{array}{cc} 1 \text{ side} & 1 \text{ side} \\ \hline 1 \text{ m} & 1 \text{ m} \\ \hline 60 & 60 \end{array}$$

$$0.48 \text{ Km} = 480 \text{ m}$$

$$E \quad 0.48 \times (1 \text{ Km})$$

$$C \quad 0.48 \times 1000$$

$$A \quad 480 \text{ m}$$

$$\text{Area of block} = \underline{\hspace{2cm}} \text{ m}^2$$

$$\begin{array}{r} 60 \\ 8 \overline{)480} \\ -48 \downarrow \\ \hline 00 \end{array}$$

$$A = 180 \times 60$$

$$108 \times 100$$

$$10800 \text{ m}^2$$

MZ.L29 - Word Problems

Application Problem

The cost of an individual magazine at the store would be \$4.99.

cost of mag.
$$\begin{array}{r} 259.48 \\ 39.95 \end{array} \leftarrow \begin{array}{r} 219.53 \\ + 39.95 \\ \hline 259.48 \end{array}$$
$$\begin{array}{r} 58 \\ \times 4 \\ \hline 208 \end{array} \quad \begin{array}{r} 52 \\ \times 5 \\ \hline 260 \end{array} \quad \begin{array}{r} 52 \\ \times 9 \\ \hline 468 \end{array}$$

$$\begin{array}{r} 4.99 \\ 52 \end{array} \leftarrow \begin{array}{r} 259.48 \\ - 208 \\ \hline 51 \end{array} \quad \begin{array}{r} 468 \\ - 468 \\ \hline 0 \end{array}$$

$$3.\textcircled{56} \quad \boxed{56.96} \quad 3.56$$
$$\begin{array}{r} 16 \\ \times 16 \\ \hline 16 \end{array}$$

2015/09/11 - PS 1.5MM

most soft material

note all the signs and symbols we see in
PP, P & ad blocker

PP, P

8H, PCG/22

↓ 806

45°

8H

8H

8H

0

8H, P16

8P, P8

8H, P26

8H

P x

8H

8H [8P, P26]

8H