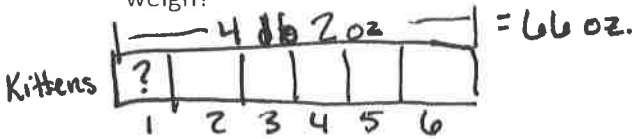


Name Key

Date _____

Solve.

1. Liza's cat had six kittens! When Liza and her brother weighed all the kittens together, they weighed 4 pounds 2 ounces. Since all the kittens are about the same size, about how many ounces does each kitten weigh?



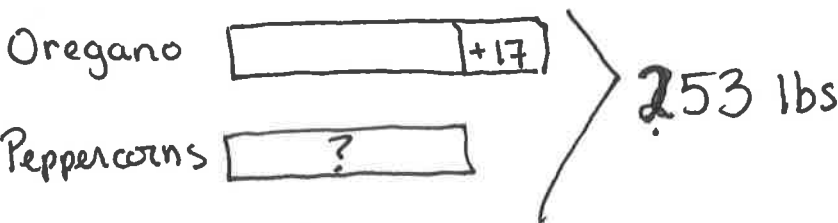
total weight \downarrow # of Kittens \downarrow
 $66 \div 6 = 11 \text{ oz}$
 each kitten

E $4 \text{ lb} = \underline{\hspace{2cm}} \text{ oz}$
 $= 4 \times (1 \text{ lb})$
 C $= 4 \times (16 \text{ oz})$
 A $4 \text{ lb} = 64 \text{ oz}$

Each kitten weighed about 11 oz.

$64 \text{ oz} + 2 \text{ oz} =$
 66 oz total

2. A container of oregano is 17 pounds heavier than a container of peppercorns. Their total weight is 253 pounds. The peppercorns will be sold in one-ounce bags. How many bags of peppercorns can be made?



$253 \div 17 = 236$
 $2 \text{ units} = 236$
 $1 \text{ unit} = (236 \div 2) = 118 \text{ lbs}$

One ounce bags

$118 \text{ lbs} = \underline{\hspace{2cm}} \text{ oz}$

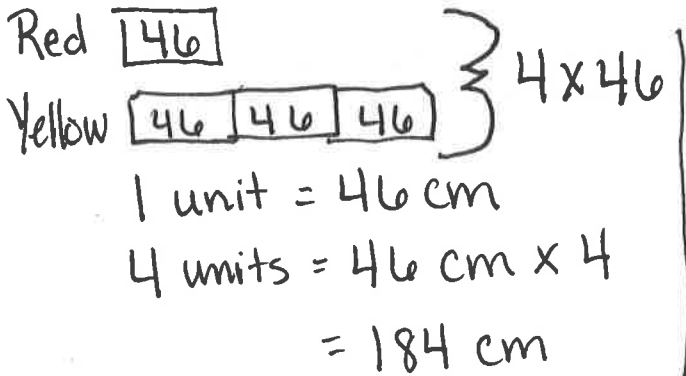
Expand $= 118 \times (1 \text{ lb})$

Convert $= 118 \times (16 \text{ oz})$

$$\begin{array}{r} 118 \\ \times 16 \\ \hline 708 \\ + 1180 \\ \hline 1888 \end{array}$$

1888 bags of peppercorns can be made.

3. Each costume needs 46 centimeters of red ribbon and 3 times as much yellow ribbon. What is the total length of ribbon needed for 64 costumes? Express your answer in meters.



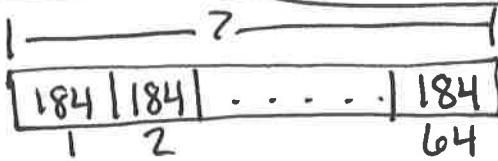
$$\begin{array}{r} 184 \\ \times 64 \\ \hline 736 \\ + 11040 \\ \hline 11776 \end{array}$$

$11776 \text{ cm} = \underline{\hspace{1cm}} \text{ m}$

E = $11776 \times (1 \text{ cm})$

C = $11776 \times (0.01 \text{ m})$

A = 117.76 m

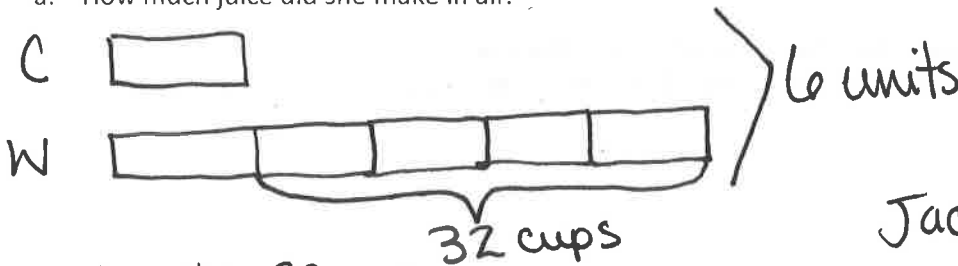


1 unit = 184 cm

64 units = 184×64
= 11,776 cm

The total length of ribbon is 117.76 m

4. When making a batch of orange juice for her basketball team, Jackie used 5 times as much water as concentrate. There were 32 more cups of water than concentrate.
- a. How much juice did she make in all?



4 units = 32 cups

1 unit = $(32 \div 4) = 8$ cups

6 units = $8 \times 6 = 48$ cups

Jackie made 48 cups of juice.

- b. She poured the juice into quart containers. How many containers could she fill?

$48 \text{ cups} = \underline{12} \text{ q.}$

E = $48 \times (1 \text{ cup})$

C = $48 \times (\frac{1}{4} \text{ qt})$

A = $\frac{48}{4} = 12$

Jackie could fill 12 containers.