

Name _____

Date _____

Use RDW to solve the following problems.

1. Sandy took the train to New York City. The trip took 3 hours. Jackie took the bus, which took twice as long. How many minutes did Jackie's trip take?

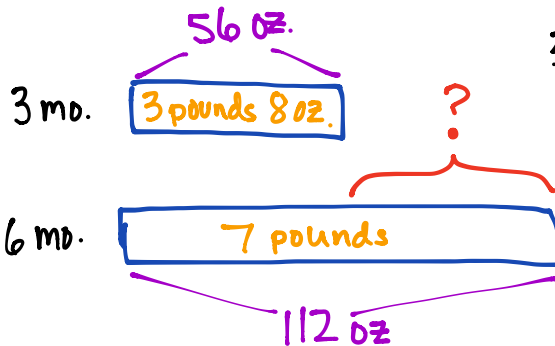
$$6 \times 60 = 360$$

Sandy 

Jackie's trip took 360 minutes

Jackie 

2. Coleton's puppy weighed 3 pounds 8 ounces at birth. The vet weighed the puppy again at 6 months, and the puppy weighed 7 pounds. How many ounces did the puppy gain?



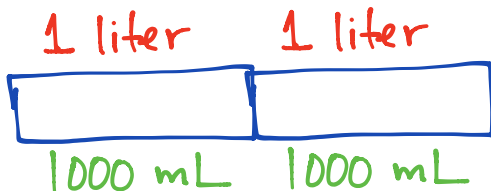
$$3 \text{ mo.} : 3 \times 16 = 48 \quad 48 + 8 = 56 \text{ ounces}$$

$$6 \text{ mo.} : 7 \times 16 = 112 \text{ ounces}$$

$$\begin{array}{r} 112 \\ - 56 \\ \hline 56 \end{array}$$

The puppy gained
56 ounces.

3. Jessie bought a 2-liter bottle of juice. Her sister drank 650 milliliters. How many milliliters were left in the bottle?



$$\begin{array}{r} 2000 \\ - 650 \\ \hline 1350 \end{array}$$

There is 1350 mL remaining
in the bottle.

4. Hudson has a chain that is 1 yard in length. Myah's chain is 3 times as long. How many feet of chain do they have in all?

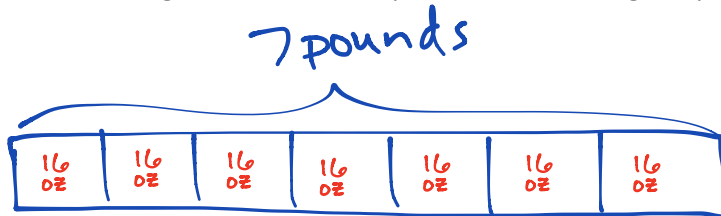
Hudson

Myah



They have 12 feet of chain.

5. A box weighs 8 ounces. A shipment of boxes weighs 7 pounds. How many boxes are in the shipment?



$7 \times 16 = 112$ ounces

$$\begin{array}{r} 14 \\ 8 \overline{) 112} \\ \underline{- 8} \\ 32 \\ \underline{- 32} \\ 0 \end{array}$$

There are 14 boxes in the shipment.

6. Tracy's rain barrel has a capacity of 27 quarts of water. Beth's rain barrel has a capacity of twice the amount of water as Tracy's rain barrel. Trevor's rain barrel can hold 9 quarts of water less than Beth's barrel.

- a. What is the capacity of Trevor's rain barrel?

Tracy

Beth = 54 quarts

Trevor
 9 quarts

$$\begin{array}{r} 54 \\ - 9 \\ \hline 45 \end{array}$$

Trevor has 45 quarts of water.

- b. If Tracy, Beth, and Trevor's rain barrels were filled to capacity, and they poured all of the water into a 30-gallon bucket, would there be enough room? Explain.

$27 + 54 + 45 = 126$

1 gallon = 4 quarts
30 gallons = 120 quarts

There is not enough room in the 30-gallon bucket.