

Name _____

Date _____

Use RDW to solve the following problems.

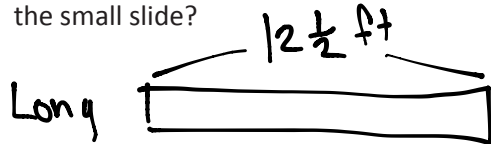
1. Molly baked a pie for 1 hour and 45 minutes. Then, she baked banana bread for 35 minutes less than the pie. How many minutes did it take to bake the pie and the bread?

$$\begin{aligned} \text{Bread: } & 1 \text{ hour } 45 \text{ minutes} - 35 \text{ min} \\ & = 1 \text{ hr } 10 \text{ min} \end{aligned}$$

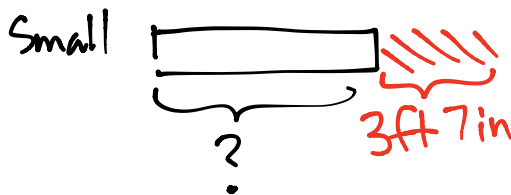
It took 2 hr 55 min to bake.

$$\begin{aligned} \text{Total: } & 1 \text{ hr } 45 \text{ min} + 1 \text{ hr } 10 \text{ min} \\ & = 2 \text{ hr } 55 \text{ min} \end{aligned}$$

2. A slide on the playground is $12\frac{1}{2}$ feet long. It is 3 feet 7 inches longer than the small slide. How long is the small slide?

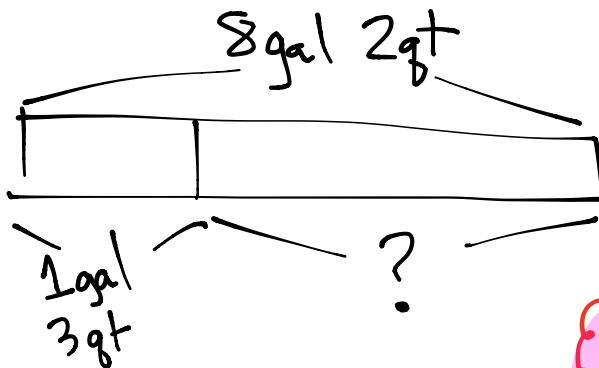


$$\begin{aligned} & 12 \text{ ft } 6 \text{ in} - 3 \text{ ft } 7 \text{ in} \\ & = 11 \text{ ft } 18 \text{ in} - 3 \text{ ft } 7 \text{ in} \\ & = 8 \text{ ft } 11 \text{ in} \end{aligned}$$



The small slide is 8 ft 11 in long.

3. The fish tank holds 8 gallons 2 quarts of water. Jeffrey poured $1\frac{3}{4}$ gallons into the empty tank. How much more water does he still need to pour into the tank to fill it?



$$\begin{aligned} & 8 \text{ gal } 2 \text{ qt} - 1 \text{ gal } 3 \text{ qt} \\ & = 6 \text{ gal } 3 \text{ qt} \end{aligned}$$

There are still 6 gallons 3 quarts needed to fill the tank.

4. The candy shop puts 10 ounces of gummy bears in each box. How many boxes do they need to fill if there are $21\frac{1}{4}$ pounds of gummy bears?

$$21\frac{1}{4} \text{ lb} = 340 \text{ oz}$$

$$\begin{array}{r} 21 \\ \times 16 \\ \hline 126 \\ + 210 \\ \hline 336 \end{array}$$

336 oz. 4 oz

$$\begin{array}{r} 34 \\ 10 \overline{)340} \\ \underline{-30} \downarrow \\ 40 \\ \underline{-40} \\ 0 \end{array}$$

They need to fill 34 boxes.

5. Mom can make 10 brownies from a 12-ounce package.
- a. How many ounces of brownie mix would be needed to make 50 brownies?

$$\begin{array}{r} 12 \\ \times 5 \\ \hline 60 \end{array}$$

60 ounces are needed.

- b. Extension: The brownie mix is also sold in $1\frac{1}{2}$ -pound bags. How many bags would be needed to make 120 brownies?

$\begin{array}{r} 10 \text{ brownies} \\ \times 12 \\ \hline 120 \text{ brownies} \end{array}$	$\begin{array}{r} 12 \text{ ounces} \\ \times 12 \\ \hline 144 \text{ ounces} \end{array}$
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$$1\frac{1}{2} \text{ pound} = 24 \text{ oz}$$

$$\begin{array}{r} 16 \\ 02 \\ \hline 8 \\ 02 \end{array}$$

$$\begin{array}{r} 6 \\ 24 \overline{)144} \\ \underline{-144} \\ 0 \end{array}$$

6 bags are needed.