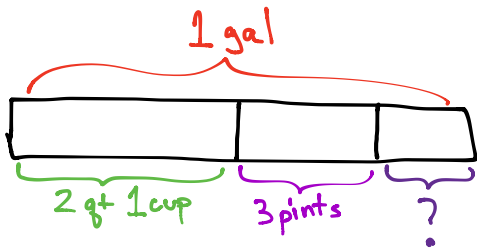


Name _____

Date _____

Use RDW to solve the following problems.

1. On Saturday, Jeff used 2 quarts 1 cup of water from a full gallon to replace some water that leaked from his fish tank. On Sunday, he used 3 pints of water from the same gallon. How much water was left in the gallon after Sunday?



$$2 \text{ qt } 1 \text{ cup} + 3 \text{ pints} = 2 \text{ qt } 7 \text{ cups}$$

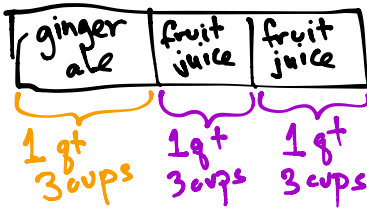
6 cups

$$= 3 \text{ qt } 3 \text{ cups}$$

$$3 \text{ qt } 3 \text{ cups} + 1 \text{ cup} = 1 \text{ gallon}$$

1 cup was left over

2. To make punch, Julia poured 1 quart 3 cups of ginger ale into a bowl and then added twice as much fruit juice. How much punch did she make in all?

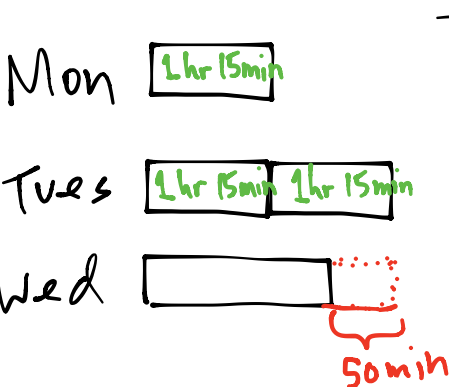


$$1 \text{ qt } 3 \text{ cups} + 1 \text{ qt } 3 \text{ cups} + 1 \text{ qt } 3 \text{ cups} = 3 \text{ qt } 9 \text{ cups}$$

$$= 5 \text{ qt } 1 \text{ cup}$$

$$= 1 \text{ gal } 1 \text{ qt } 1 \text{ cup}$$

3. Patti went swimming for 1 hour 15 minutes on Monday. On Tuesday, she swam twice as long as she swam on Monday. On Wednesday, she swam 50 minutes less than the time she swam on Tuesday. How much time did she spend swimming during that three-day period?



Tues: $1 \text{ hr } 15 \text{ min} + 1 \text{ hr } 15 \text{ min} = 2 \text{ hr } 30 \text{ min}$

Wed: $2 \text{ hr } 30 \text{ min} - 50 \text{ min}$

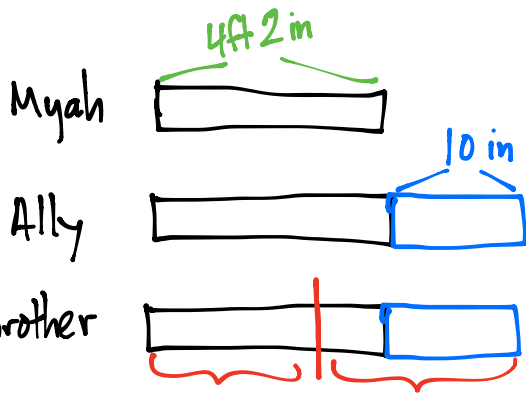
$$= 1 \text{ hr } 90 \text{ min} - 50 \text{ min} = 1 \text{ hr } 40 \text{ min}$$

$$1 \text{ hr } 15 \text{ min} + 2 \text{ hr } 30 \text{ min} + 1 \text{ hr } 40 \text{ min}$$

$$= 4 \text{ hr } 85 \text{ min} = 5 \text{ hr } 25 \text{ min}$$

She swam 5 hr 25 minutes.

4. Myah is 4 feet 2 inches tall. Her sister, Ally, is 10 inches taller. Their little brother is half as tall as Ally. How tall is their little brother in feet and inches?

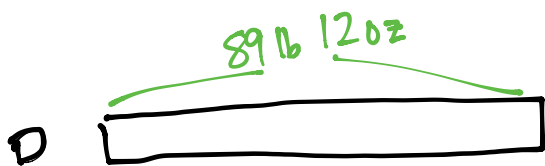


$$\text{Ally} : 4\text{ft } 2\text{in} + 10\text{in} = 5\text{ft}$$

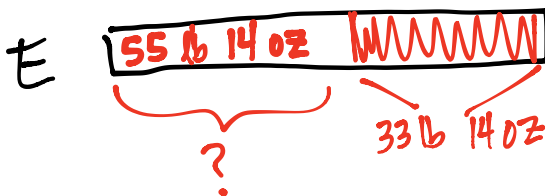
$$\begin{aligned} \text{Brother} &= 5\text{ft} \div 2 \\ &= 2\text{ft } 6\text{in} \end{aligned}$$

Their brother is
2 feet 6 inches tall

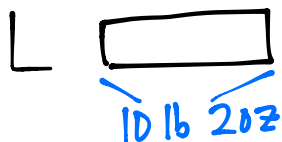
5. Rick and Laurie have three dogs. Diesel weighs 89 pounds 12 ounces. Ebony weighs 33 pounds 14 ounces less than Diesel. Luna is the smallest at 10 pounds 2 ounces. What is the combined weight of the three dogs in pounds and ounces?



$$\begin{aligned} E : & \cancel{89} \text{ lb } \cancel{12} \text{ oz} - 33 \text{ lb } 14 \text{ oz} \\ & \quad \quad \quad 88 \quad \quad 28 \\ & = 55 \text{ lb } 14 \text{ oz} \end{aligned}$$



$$\begin{aligned} \text{Total} : & 89 \text{ lb } 12 \text{ oz} + 55 \text{ lb } 14 \text{ oz} + 10 \text{ lb } 2 \text{ oz} \\ & = \cancel{154} \text{ lb } 12 \text{ oz} + 16 \text{ oz} \\ & \quad \quad \quad 155 \end{aligned}$$



The combined weight is 155 pounds 12 ounces.