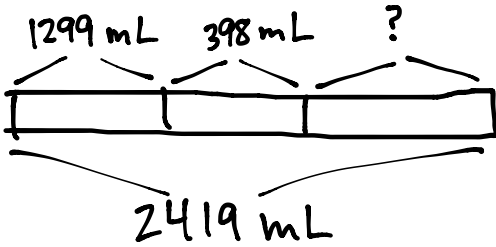


Name _____

Date _____

Directions: Solve. Model the problems using a tape diagram. Answer with a statement.

1. Jose’s vase can hold up to 2,419 milliliters of water. He poured 1 liter 299 milliliters of water into the empty vase. Then he added 398 milliliters. How much more water will the vase hold?

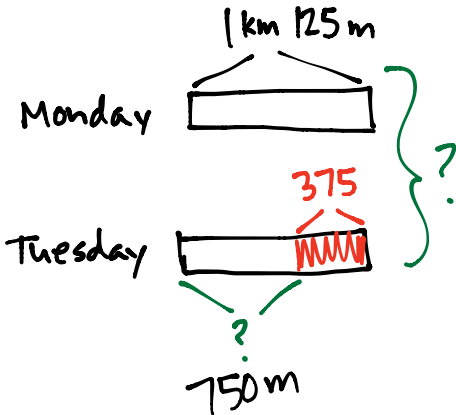


$$\begin{array}{r} 1299 \text{ mL} \\ + 398 \text{ mL} \\ \hline 1697 \text{ mL} \end{array}$$

$$\begin{array}{r} 2419 \text{ mL} \\ - 1697 \text{ mL} \\ \hline 722 \text{ mL} \end{array}$$

The vase will hold 722 mL more water.

2. Eric biked 1 km 125 m on Monday. On Tuesday, he biked 375 m less than on Monday. How far did he bike both days?

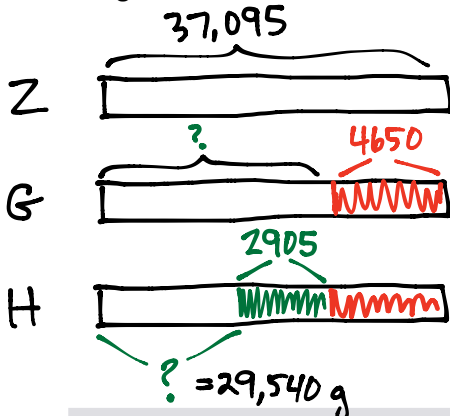


$$\begin{array}{r} 1 \text{ km } 125 \text{ m} \\ - 375 \text{ m} \\ \hline 750 \text{ m} \end{array}$$

$$\begin{array}{r} 1125 \text{ m} \\ + 750 \text{ m} \\ \hline 1875 \text{ m} \end{array}$$

1 km 875 m

3. Zachary weighs 37 kilograms 95 grams. Gabe weighs 4,650 grams less than Zachary. Harry weighs 2,905 grams less than Gabe. How much does Harry weigh?



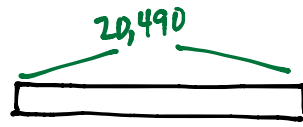
$$\begin{array}{r} 37095 \\ - 4650 \\ \hline 32445 \end{array}$$

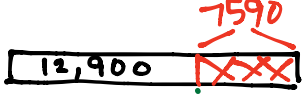
$$\begin{array}{r} 32445 \\ - 2905 \\ \hline 29540 \end{array}$$

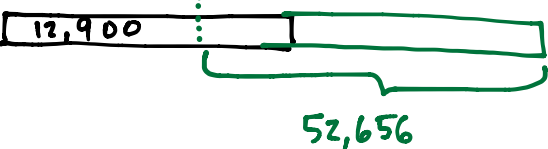
29,000 540

29 kg 540 g

4. A Springer Spaniel weighs 20 kilograms 490 grams. A Cocker Spaniel weighs 7,590 grams less than a Springer Spaniel. A Newfoundland weighs 52 kilograms 656 grams more than a Cocker Spaniel. What is the weight difference, in grams, between the Newfoundland and the Springer Spaniel?

SS 

CS 

NF 

$$\begin{array}{r} 20,490 \\ - 7,590 \\ \hline 12,900 \end{array}$$


$$\begin{array}{r} 12,900 \\ + 52,656 \\ \hline 65,556 \end{array}$$


$$\begin{array}{r} 65,556 \\ - 20,490 \\ \hline 45,066 \end{array}$$

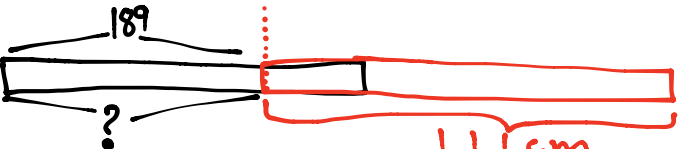
↓

45 kg 66g

5. Marsha has three rugs. The first rug is 2 m 87 cm long. The second rug has a length 98 cm less than the first. The third rug is 111 cm longer than the second rug. What is the difference in centimeters between the length of the first rug and third rug?

1st 

2nd 

3rd 

$$\begin{array}{r} 287 \\ - 98 \\ \hline 189 \text{ cm} \end{array}$$


$$\begin{array}{r} 189 \text{ cm} \\ + 111 \text{ cm} \\ \hline 300 \text{ cm} \end{array}$$

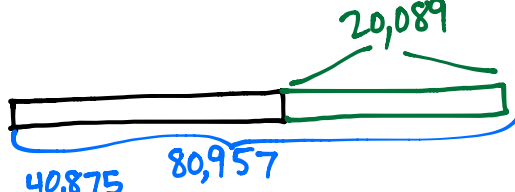
$$\begin{array}{r} 287 \\ - 174 \\ \hline 113 \end{array}$$

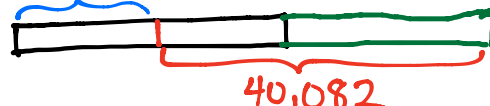
$3^{\text{rd}} = 300 \text{ cm}$

The 3rd rug is 13 cm longer than the 1st rug.

6. One barrel held 60 liters 868 milliliters of sap. A second barrel held 20,089 milliliters more sap than the first. A third barrel held 40 liters 82 milliliters less sap than the second. If the sap from the three barrels was poured into a larger container, how much sap was there in all?

1st 

2nd 

3rd 

$$\begin{array}{r} 60,868 \\ + 20,089 \\ \hline 80,957 \end{array}$$

$$\begin{array}{r} 80,957 \\ - 40,082 \\ \hline 40,875 \end{array}$$

$$\begin{array}{r} 60,868 \\ + 80,957 \\ + 40,875 \\ \hline 182,700 \end{array}$$

182 L 700 mL