Grade: 5 **Category:** Fractions (Subtraction/Addition) **Sub Category:** Word problems **Worksheet #:** 61Q

1. Maria is $5\frac{1}{2}$ feet tall and her sister is $5\frac{5}{12}$ feet tall. How much taller is Maria than her sister?

2. A water tank has a capacity of $425\frac{1}{2}$ litres. After using $50\frac{1}{4}$ litres of water for gardening, 100 litres for car washing, how much water is left in the tank?

3. A room is $12\frac{3}{4}$ feet in length and $10\frac{1}{2}$ feet in breadth. How much lengthier is the room than its breadth?

4. Tony uses $\frac{4}{7}$ part of his pocket money for buying a shirt. He also uses $\frac{2}{7}$ part of his pocket money to buy a book. What part of the money did he use? What part of money is he left with?

Grade: 5 **Category:** Fractions (Subtraction/Addition) **Sub Category:** Word problems **Worksheet #:** 61A

1. Height of Maria = $5\frac{1}{2}$ feet.

   Height of her sister = $5\frac{5}{12}$ feet.

   Maria is taller by $5\frac{1}{2}$ - $5\frac{5}{12}$ feet

   = $\frac{1}{2}$ - $\frac{5}{12}$ = $\frac{6-5}{12}$ = $\frac{1}{12}$ feet

   Ans. *Maria is taller by* $\frac{1}{12}$ *feet than her sister.*

2. Amount of water used for gardening = $50\frac{1}{4}$ litres.

   Amount of water used for car washing = 100 litres.

   Total amount of water used = $50\frac{1}{4}$ + 100 = $150\frac{1}{4}$

   Amount of water left in the tank = $425\frac{1}{2}$ - $150\frac{1}{4}$ litres

   = $275\frac{1}{2}$ - $\frac{1}{4}$ = $275\frac{2-1}{4}$ = $275\frac{1}{4}$ litres

   Ans. *Amount of water left in the tank =* $275\frac{1}{4}$ *litres.*

3. Length of room = $12\frac{3}{4}$ feet

Breadth of room = $10\frac{5}{12}$ feet

Room is lengthier by $12\frac{3}{4}$ - $10\frac{5}{12}$ feet.

$$2\frac{3}{4} - \frac{5}{12} = 2\frac{9-5}{12} = 2\frac{4}{12} = 2\frac{1}{3} \text{ feet.}$$

Ans. *The room is lengthier by* $2\frac{1}{3}$ *feet than its breadth.*

4. Part of pocket money used for buying shirt = $\frac{4}{7}$

Part of pocket money used for buying book = $\frac{2}{7}$

Total part of pocket money used = $\frac{4}{7} + \frac{2}{7} = \frac{6}{7}$

Part of pocket money left = $1 - \frac{6}{7} = \frac{1}{7}$

Ans. *Tony uses* $\frac{6}{7}$ *part of his pocket money. He is left with* $\frac{1}{7}$ *part of his pocket money.*