1. A woman is $64\frac{5}{12}$ inches tall and her son is $60\frac{7}{9}$. How much taller is the woman?

Explanation

To solve this problem it is necessary to find the difference of growth women and son. Find the difference of growth by subtraction of fractions:

$$64\frac{5}{12} - 60\frac{7}{9}$$

Reduce to a common denominator:

$$64\frac{5}{12} - 60\frac{7}{9} = 64\frac{15}{36} - 60\frac{28}{36} = 63\frac{51}{36} - 60\frac{28}{36} = 3\frac{23}{36}$$

Answer:

Woman is taller her son on $3\frac{23}{36}$ inches.