Al Mawaheb School   Mathematics Worksheet Grade 9 General
Teacher : Jisha

The equation $y - 480 = -120(x - 1)$ represents the total number of kilometers, y, Ahmed and his family have left to drive to Ahmed's brother's house. If x represents the number of hours they drive. How many kilometers do Ahmed and his family have left to drive after driving 4 hours?

- Complete the equation to help you determine the answer.

- Complete the sentence.

$y - 480 = -120 \left(\boxed{} -1 \right)$

They have $\boxed{}$ kilometers left to drive to Ahmed's brother's house after driving 4 hours.

Aisha wants to lose weight, she will consider a diet plan, the equation $y - 13 = -2(x - 3)$ is used to calculate the total amount of weight loss in kg, y, in x months. How many kg will be lost within 5 months?
Complete the equation to help you determine the answer.
Enter your answers in the spaces provided.

$y - 13 = -2 \left(\boxed{} - 3 \right)$

Aisha will lose $\boxed{}$ kg within 5 months.

A line passes through the points $(2, -5)$ and $(5, -23)$. Write the equation of the line in point-slope form and in standard form.

Point - Slope Form :

Slope – Intercept Form :

Standard Form :