

$$\frac{2m+5}{3} = 3m - 10$$

ANSWER:

We have,

$$\frac{2m+5}{3} = 3m - 10$$

$$\Rightarrow 2m + 5 = 3(3m - 10)$$

$$\Rightarrow 2m + 5 = 9m - 30$$

$$\begin{aligned} \Rightarrow 2m - 9m &= -30 \\ &\quad - 5 \end{aligned}$$

(Transposing $9m$ to LHS and 5 to RHS)

$$\Rightarrow -7m = -35$$

$$\Rightarrow m = \frac{-35^5}{-7^1}$$

$$\Rightarrow m = 5$$