M8 - 10.2 - "
$$ax = b$$
" " $\frac{x}{a} = b$ " " $\frac{ax}{b} = c$ " Notes
Solve for x, by dividing to both sides.
 $2x = 4$
 $\frac{2x}{2} = \frac{4}{2}$ Divide both sides by 2
 $\frac{4x}{4} = \frac{4}{2}$ Cross it off $\frac{2}{2} = 1$
 $x = \frac{4}{2}$
 $x = \frac{4}{2}$
Question
Substitute
Left Must Equal Right
Short Forms
 $x = 6 \times 3$
 $x = 18$
 $x = 6 \times 3$
 $x = 18$
Solve for x
 $\frac{5}{4}x = 10$
 $4 \times \frac{5}{4}x = 10 \times 4$
Multiply both sides by 4
Multiply both sides by 4
Multiply both sides by 4
 $x = \frac{5}{4}x = 10 \times 4$
Multiply both sides by 4



