

Solving Equations

To isolate the variable and find its value.

$$\begin{aligned} 1) \quad 2x + 3 &= 13 \\ -3 & \quad -3 \\ \hline 2x &= 10 \\ \frac{2x}{2} &= \frac{10}{2} \\ x &= 5 \end{aligned}$$

$$\begin{aligned} 2) \quad 2x - 5 &= 10 - 7x \\ +7x & \quad +7x \\ \hline 9x - 5 &= 10 \\ +5 & \quad +5 \\ \hline 9x &= 15 \\ \frac{9x}{9} &= \frac{15}{9} \\ x &= \frac{5}{3} \end{aligned}$$

HW - Pages - 3 and 4

Page 5 #'s 15, 16, 17, 19, 21