

Oct 30/08

USING ADDITION TO SOLVE EQUATIONS

$$\begin{aligned} \text{Ex } x - 2 &= 5 \\ x - 2 + 2 &= 5 + 2 \\ x &= 7 \end{aligned}$$

$$\begin{aligned} \text{Ex } x - 6 &= 8 \\ x - 6 + 6 &= 8 + 6 \\ x &= 14 \end{aligned}$$

$$\begin{aligned} \text{Ex } x + 4 &= 2 \\ x + 4 - 4 &= 2 - 4 \\ x &= -2 \end{aligned}$$

$$\begin{aligned} \text{Ex. } 3 &= x + 5 \\ 3 - 5 &= x + 5 - 5 \\ -2 &= x \end{aligned}$$

$$\begin{aligned} 3 &= x + 5 \\ x + 5 &= 3 \\ x + 5 - 5 &= 3 - 5 \\ x &= -2 \end{aligned}$$

JUMPING METHOD

$$x + 2 = 5$$

CHANGES THE SIGN

$$x = 5 - 2$$

$$x = 3$$

$$x - 6 = -4$$

+6

$$x = -4 + 6$$

$$x = 2$$

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