

\* Solve  $3(c-2) = 9(c+2)$  ① simplify

$$3c - 6 = 9c + 18$$

② get variables on only 1 side

$$\begin{array}{r} -3c \\ \hline -6 = 6c + 18 \\ -18 \\ \hline \end{array}$$

$$\begin{array}{l} -6-18 \\ -6+-18 \end{array}$$

$$\frac{-24}{6} = \frac{6c}{6}$$

$$\boxed{-4 = c} \quad \checkmark$$

$$3(c-2) = 9(c+2)$$

$$3(-4-2) = 9(-4+2)$$

$$\begin{array}{l} -4-2 \\ -4+-2 \end{array}$$

$$3(-6) = 9(-2)$$

$$-18 = -18$$