

$$(3x-2)^2 = 121$$

$$\sqrt{(3x-2)^2} = \sqrt{121}$$

$$3x-2 = \pm 11$$

Solve for both

$$\begin{array}{r} 3x-2 = +11 \\ +2 \quad +2 \\ \hline 3x = 13 \end{array}$$

$$x = 13/3$$

$$\begin{array}{r} 3x-2 = -11 \\ +2 \quad +2 \\ \hline 3x = -9 \end{array}$$

$$x = -3$$

YCM

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