Gauthmath

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9:41

I know the answer just a second...

Answer

$x = 1 + \dfrac{\sqrt{7}}{2}$ or $x = 1 -$

Explanation

$4x^2 - 8x - 3 = 0$

Identify the coeffic

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Solution steps

1 Solve the equations:

$$\begin{cases} y - 2x = 3 \\ y = x^2 + 2x - 6 \end{cases}$$

Substitute one unknown quantity into the elimination

$x^2 + 2x - 6 - 2x = 3$

$x^2 - 6 = 3$

$x^2 = 3 + 6$

$x^2 = 9$