

LINEAR EQUATION EXERCISE 3

Based on the example above, fill in the blank for the following:

Find the value of x for the following:

Q1. $\frac{3x - 2}{1 - 2x} = \frac{3}{4}$	Solution $\square (\square \square \square) = \square (\square \square \square)$ $\square \square \square = \square \square \square$ $\square \square \square = \square \square \square$ $\square \square \square \square$ $\square = \square$ $\frac{\square}{\square} = \frac{\square}{\square}$ $x = \frac{\square}{\square}$
Q2. $\frac{2x + 9}{x - 1} = \frac{4}{5}$	Solution $\square (\square \square \square) = \square (\square \square \square)$ $\square \square \square = \square \square \square$ $\square \square \square = \square \square \square$ $\square \square \square \square$ $\square = \square$ $\frac{\square}{\square} = \frac{\square}{\square}$ $x = \frac{\square}{\square}$

Q3.

$$\frac{9x - 1}{10} = \frac{x + 1}{2}$$

Solution

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$$x = \frac{\square}{\square} = \frac{\square}{\square}$$

Q4.

$$\frac{x + 2}{2 - 3x} = -\frac{3}{4}$$

Solution

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$$\square = \square$$

$$\frac{\square}{\square} = \frac{\square}{\square}$$

$$\square = \square$$

$$x = \frac{\square}{\square}$$