

Name : _____

Linear Equation

Sheet 1

Determine whether the ordered pair is a solution of the linear equation.

1) $3x + 2y = 16$; $\left(\frac{2}{3}, 7\right)$

2) $-y = -11x + 4$; $(0, -4)$

3) $x = y + \frac{1}{2}$; $(-5, -2)$

4) $-9 - 5y = 4x$; $(-6, 3)$

5) $7x - y = 0$; $\left(\frac{6}{7}, -\frac{1}{4}\right)$

6) $1.2x + 4.6 = 4.1y$; $(3, 2)$

7) $-6y = 8x$; $(7, 8.3)$

8) $-13y - 14x = -15$; $(-1, 6)$

9) $10 = -12y + 2x$; $(5, 0)$

10) $9y + 2x - 3 = 0$; $(-1.2, -3.1)$

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Answer key

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5) $7x - y = 0 ; \left(\frac{6}{7}, -\frac{1}{4}\right)$

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6) $1.2x + 4.6 = 4.1y ; (3, 2)$

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No