

Name : _____

Linear Equation

Sheet 2

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

1) $-5x = -17 - y$; $(-4, -5)$

2) $-\frac{3}{7} = 2.1y + 0.3x$; $(0, -0.3)$

3) $y = \frac{2}{3}x - 1$; $(0.8, -\frac{1}{2})$

x ; $(0.8, -\frac{1}{2})$

5) $y - 8 = 4x$; $(2.2, 3.5)$

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16 ; $(2.2, 3.5)$

7) $-6x - 10 = 12$; $(2, -7)$

$(2, -7)$

9) $9x + 4y + 5 = 0$; $(-1, 1)$

10) $1 = y - x$; $(11, 12)$

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Answer key

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No

5) $y - 8 = 4x$; $(2.2, 3.5)$

16 ; $(2.2, 3.5)$

Yes

7) $-6x - 10 = 12$; $(2, -7)$

$(2, -7)$

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9) $9x + 4y + 5 = 0$; $(-1, 1)$

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10) $1 = y - x$; $(11, 12)$

Yes