

Name : _____

Linear Equation

Sheet 5

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

1) $7y + 3x - 11 = 0$; $(-7, 2)$

2) $-y = -5x - 8.4$; $(-1, 3.4)$

3) $-16x = 2y + 3$

; $(-4, -8)$

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5) $2 = \frac{1}{5}x + \frac{1}{2}y$;

; $(2.3, 1.3)$

7) $0.9y = 8 - 0.1x$

; $(\frac{1}{3}, 4.5)$

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9) $3.6 - y = -\frac{1}{3}x$; $(-1.8, 3)$

10) $x + y + 6 = -2$; $(1, -5)$

Name : _____

Answer key

Linear Equation

Sheet 5

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

1) $7y + 3x - 11 = 0$; $(-7, 2)$

2) $-y = -5x - 8.4$; $(-1, 3.4)$

No

Yes

3) $-16x = 2y + 3$

; $(-4, -8)$

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No

5) $2 = \frac{1}{5}x + \frac{1}{2}y$;

x ; $(2.3, 1.3)$

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No

7) $0.9y = 8 - 0.1x$

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No

Yes

9) $3.6 - y = -\frac{1}{3}x$; $(-1.8, 3)$

10) $x + y + 6 = -2$; $(1, -5)$

Yes

No