

1

Is the point $(0, 0)$
a solution to the equation $x = -10y$?

$$0 = -10(0)$$

Yes

No

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2

Is the point $(-14, -14)$
a solution to the equation $x = -y$?

$$-14 = -(-14)$$

Yes

No

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3

Is the point $(1, -4)$
a solution to the equation $y = -4x$?

Yes

No

$$-4 = -4(1)$$

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4

Is the point $(-6, 5)$
a solution to the equation $y + x = -1$?

Yes

No

$$5 + (-6) = -1 ?$$

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5

Is the point $(4, -40)$
a solution to the equation $x = -10y$?

Yes

No

$$4 = -10(-40)$$

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6

Is the point $(-2, 3)$
a solution to the equation $y = -4x - 5$?

Yes

No

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7

Is the point $(3, -3)$
a solution to the equation $2x - 5y = -9$?

Yes

No

$$2(3) - 5(-3) = -9$$

$$6 + 15 = -9$$

Um ... no.

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8

Is the point $(0, -4)$
a solution to the equation $x + 3y = -12$?

Yes

No

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9

Is the point $(2, 0)$
a solution to the equation $-3y + 5x = -10$?

Yes

No



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10

Is the point $(0, -4)$
a solution to the equation $5x + 4y = -20$?

Yes

No



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11

Is the point $(6, 36)$
a solution to the equation $x = \frac{1}{6}y$?

Yes

No

$$6 = \frac{1}{6} (36)$$

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12 Fill in the missing coordinate so
that the point is a solution to the
equation $5x + y = -7$

 $(\quad , 3)$

$$5x + 3 = -7$$

$$5x = -10$$

$$x = -2$$

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- 13 Fill in the missing coordinate so that the point is a solution to the equation $5x + y = -7$

(, 28)

$$5x + 28 = -7$$

$$5x = -35$$

$$x = -7$$

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- 14 Fill in the missing coordinate so that the point is a solution to the equation $5x + y = -7$

(, -7)

$$5x + -7 = -7$$

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- 15 Fill in the missing coordinate so that the point is a solution to the equation $y = -x + 5$

(3,)



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- 16 Fill in the missing coordinate so that the point is a solution to the equation $y = -x + 5$

(5,)



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- 17 Fill in the missing coordinate so that the point is a solution to the equation $y = -x + 5$

(0,)



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- 18 Fill in the missing coordinate so that the point is a solution to the equation $y = -3x - 9$

(-4,)



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- 19 Fill in the missing coordinate so that the point is a solution to the equation

$$y = -3x - 9$$

(-9,)

$$y = -3(-9) - 9$$

$$y = 27 - 9$$

$$y = 18$$



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- 20 Fill in the missing coordinate so that the point is a solution to the equation

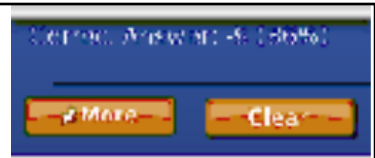
$$y = -3x - 9$$

(0,)

$$y = -3(0) - 9$$

$$y = 0 - 9$$

$$y = -9$$



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