Equation of a Line

State whether the given point is a solution of a given equation of a line. Write Yes or No.

1) $x - y = 1$; $(-6, -7)$

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

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

4) $-3x + y = -1$; $(3, 8)$

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5) $5x = y + 26$; $(5, -1)$

6) $x + 5y = 9$; $(-4, 2)$

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_____

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

8) $3x + 24y = -36$; $(4, -2)$

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Equation of a Line

Answer key

State whether the given point is a solution of a given equation of a line. Write Yes or No.

1) x − y = 1 ; (−6, −7)

Yes
_____

2) 3x = −1 − y ; (0, −3)

No
_____

3) −4 − 3x = y ; (5, 6)

No
_____

4) −3x + y = −1 ; (3, 8)

Yes
_____

5) 5x = y + 26 ; (5, −1)

Yes
_____

6) x + 5y = 9 ; (−4, 2)

No
_____

7) −3y − 2x = 3 ; (−3, −1)

No
_____

8) 3x + 24y = −36 ; (4, −2)

Yes
_____