Name:

Score :

-(x-intercept and y-intercept)

Sheet 5

Find the x-intercept and y-intercept for each equation.

1)
$$14 - 6x = -9y$$

2)
$$7x - 21y = -42$$

x-intercept : _____

x-intercept : _____

y-intercept : _____

y-intercept : _____

3)
$$120 - 30y = -40x$$

4)
$$28y + 4x = 28$$

x-intercept : _____

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y-intercept : ____

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5) -99 = 33x - 11y

x-intercept : _____ Members, please

y-intercept : _____

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7) -9 + 13y = -5x

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x-intercept : ____

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y-intercept : _____

y-intercept : _____

9) -8y = -3x - 18

10) -48x + 12y = 96

x-intercept : _____

x-intercept : _____

y-intercept : _____

y-intercept : _____

Name : _____

Answer key

Score :

$\{x$ -intercept and y-intercept $\}$

Find the x-intercept and y-intercept for each equation.

1)
$$14 - 6x = -9y$$

2)
$$7x - 21y = -42$$

x-intercept: $\frac{\left(\frac{7}{3},0\right)}{}$

x-intercept : _____(-6, 0)

y-intercept: $(0, -\frac{14}{9})$

y-intercept : _____(0, 2)

3)
$$120 - 30y = -40x$$

4)
$$28y + 4x = 28$$

x-intercept : _____

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(7<u>,</u> 0)

y-intercept : ____

(0, 1)

5) -99 = 33x - 11y

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x-intercept : _____

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y-intercept : _____

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7) -9 + 13y = -5x

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(-7, 0)

(9, 0)

x-intercept : ____

y-intercept: $\left(0, \frac{9}{13}\right)$

y-intercept : (0, 5)

9)
$$-8y = -3x - 18$$

10)
$$-48x + 12y = 96$$

x-intercept : (-6, 0)

x-intercept : _____(-2, 0)

y-intercept: $(0, \frac{9}{4})$

y-intercept : (0, 8)