

**x-intercept and y-intercept**

Sheet 4

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

1)  $-2x + 8y = 16$

x-intercept : \_\_\_\_\_

y-intercept : \_\_\_\_\_

2)  $45 = 5x - 3y$

x-intercept : \_\_\_\_\_

y-intercept : \_\_\_\_\_

3)  $77 - 11x = 7y$

x-intercept : \_\_\_\_\_

y-intercept : \_\_\_\_\_

4)  $60 + 4x = 20y$

5)  $14x = -y + 1$

x-intercept : \_\_\_\_\_

y-intercept : \_\_\_\_\_

7)  $78 + 13y = -15x$

x-intercept : \_\_\_\_\_

y-intercept : \_\_\_\_\_

9)  $y - 8 = -4x$

x-intercept : \_\_\_\_\_

y-intercept : \_\_\_\_\_

10)  $-3x - 1 = y$

x-intercept : \_\_\_\_\_

y-intercept : \_\_\_\_\_

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# x-intercept and y-intercept

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

1)  $-2x + 8y = 16$

x-intercept :           (-8, 0)          y-intercept :           (0, 2)          

2)  $45 = 5x - 3y$

x-intercept :           (9, 0)          y-intercept :           (0, -15)          

3)  $77 - 11x = 7y$

x-intercept :           (-15, 0)          y-intercept :           (0, 3)          

4)  $60 + 4x = 20y$

x-intercept :           (-24, 0)          y-intercept :           (0, -4)          

5)  $14x = -y + 1$

x-intercept :           (11, 0)          y-intercept :           (0, -6)          

7)  $78 + 13y = -15x$

9)  $y - 8 = -4x$

x-intercept :           (2, 0)          y-intercept :           (0, 8)          

10)  $-3x - 1 = y$

x-intercept :           (-1/3, 0)          y-intercept :           (0, -1)          

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