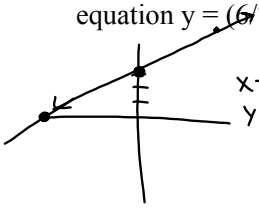
1. Find the slope of the line:

$-2x - 9y = 4$

$+2x \quad +2x$

$\frac{-9y}{-9} = \frac{2x}{-9} + \frac{4}{-9}$

2. Use the slope-intercept form to graph the equation $y = (6/7)x + 3$



$y = -\frac{2}{9}x - \frac{4}{9}$

m b

x-int

y-int

x	y
0	
	0

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4.5

A first number (x) plus twice a second (y) number is 2. Twice the first number plus the second totals 19.

$-2x(x + 2y = 2)$

$x + (2)(-5) = 2$

$x - 10 = 2$

second -5

first $= 12$

$2x + y = 19$

$-2x - 4y = -4$

$-3y = 15$

$y = -5$

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Jessica Bradley $x + 169$

Tina Harner x

$x + x + 169 = 1583$

$-169 \quad 169$

$\frac{2x}{2} = \frac{1414}{2}$

$x = 707$

Harner 707

Bradley 876

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Find the measure of two complementary angles if one angle is nine time the other.

$x + 9x = 90$

$10x = 90$

$x = 9$

smaller 9°

larger 81°

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$2l + 2w = P$

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