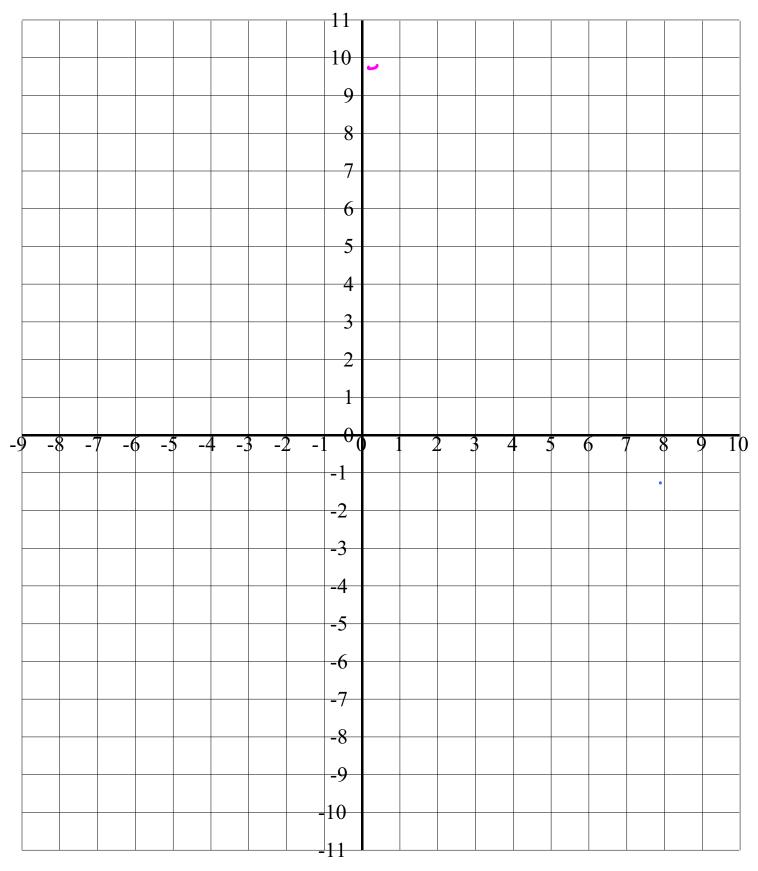


Coordinate Grid Paper



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Write the equation of a line.

· passes + hrough (2,-5) and has a slope of 3.

$$y = 3x - 11$$

$$y--5=3(x-2)$$

$$y + 5 = 3x - 6$$
 -5

passing through
$$(-1, 3)$$
 and $(4, 3)$
 $y - y_1 = m(x - x_1)$
 $y - 3 = o(x + 1)$
 $y - 3 = 0$

passes through (2,4) parallel to
$$y = Tx - 5$$
 same slope

$$y = mx + b$$
 $4 = 1(2) + b$
 $4 = 2 + b$
 $2 = b$



$$m = -\frac{2}{3} = \frac{2}{3}$$

$$\frac{1}{2}m = -\frac{3}{2}$$

$$y + 4 = -3(x - 3)$$

$$\frac{3}{4} + 4 = \frac{3}{4} + \frac{9}{4}$$

$$y = -\frac{3}{2} \times + \frac{1}{2}$$