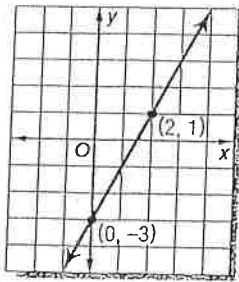


5.5-5.6 Quiz Review

Key

Directions: Identify the slope, y-intercept, and equation for each graphed line. Place your answer on the lines provided. All slopes must be simplified.

①

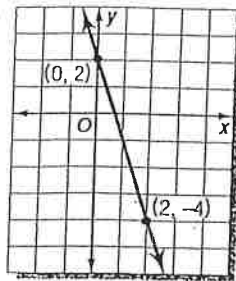


Slope: $\frac{4}{2} = 2$

y-intercept: -3

Equation: $y = 2x - 3$

②

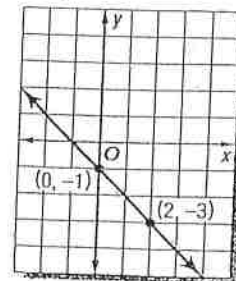


Slope: $-\frac{6}{2} = -3$

y-intercept: 2

Equation: $y = -3x + 2$

③

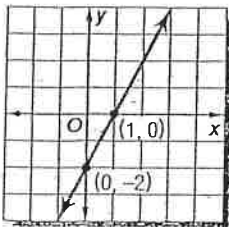


Slope: $-\frac{2}{2} = -1$

y-intercept: -1

Equation: $y = -x - 1$

④

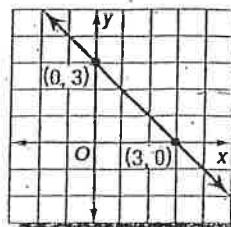


Slope: $\frac{2}{1}$

y-intercept: -2

Equation: $y = 2x - 2$

⑤

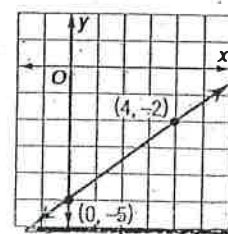


Slope: $-\frac{3}{3} = -1$

y-intercept: 3

Equation: $y = -x + 3$

⑥

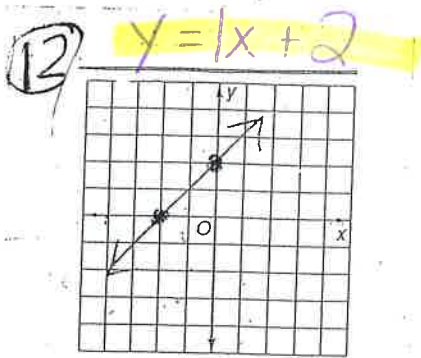
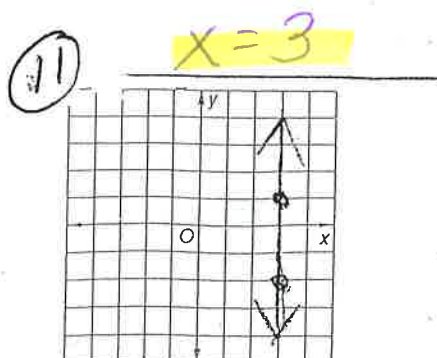
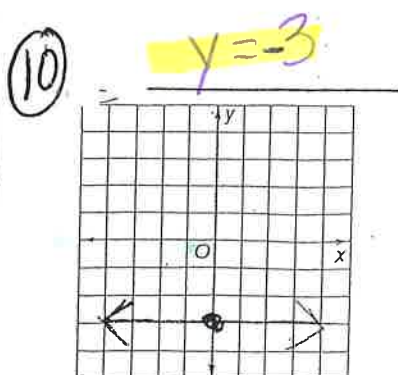
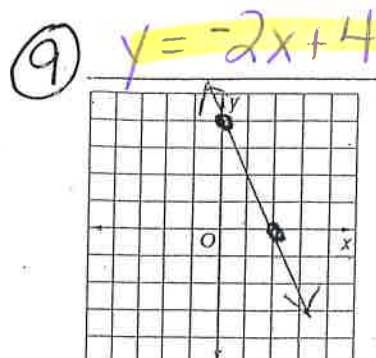
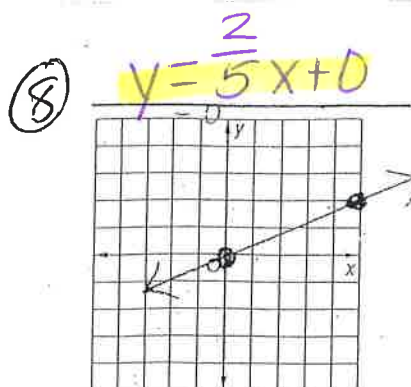
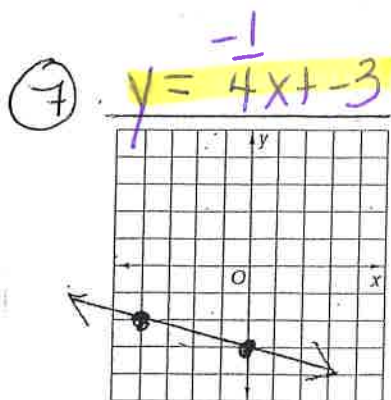


Slope: $\frac{3}{4}$

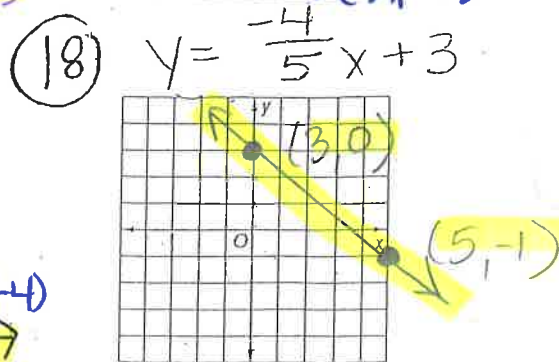
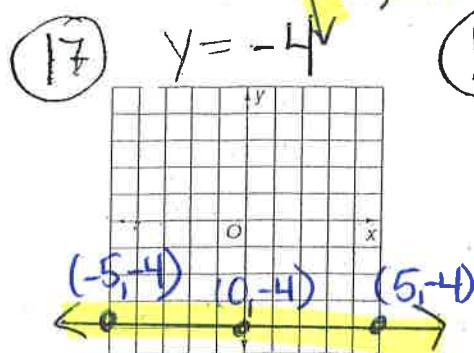
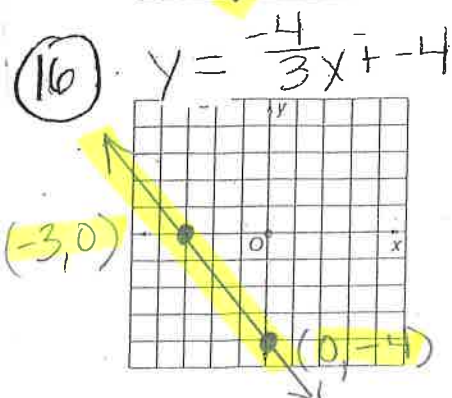
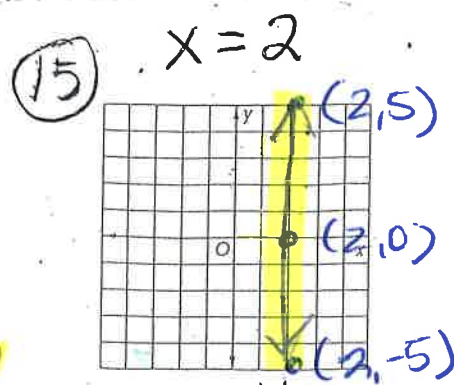
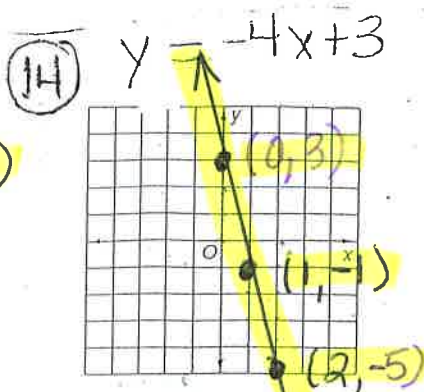
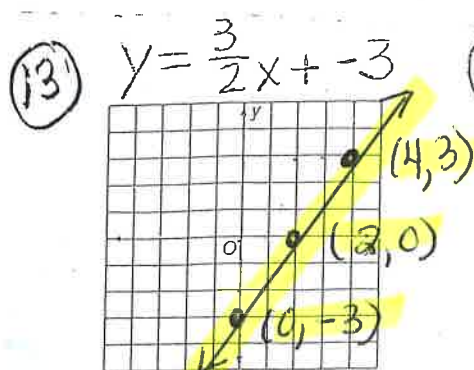
y-intercept: -5

Equation: $y = \frac{3}{4}x - 5$

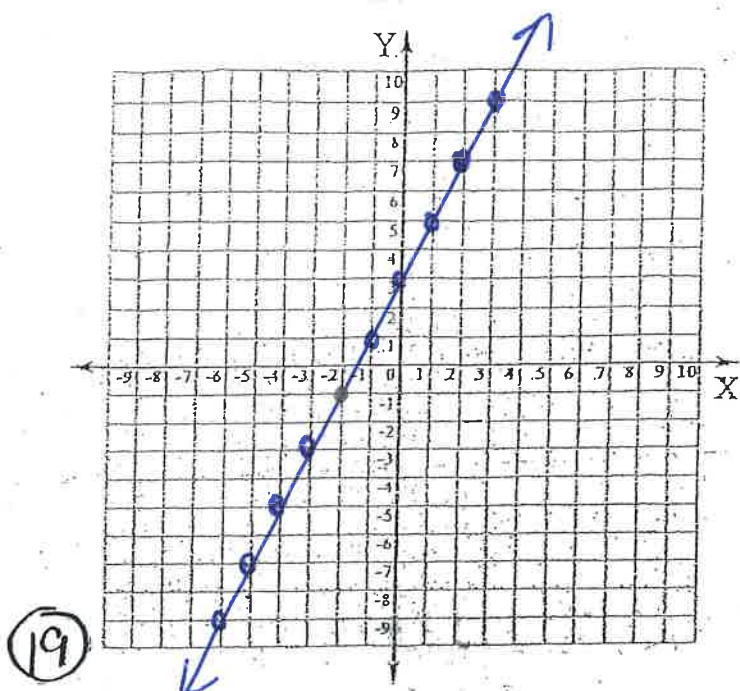
Directions: Write an equation in slope-intercept form ($y = mx + b$) for each line shown in the graph.



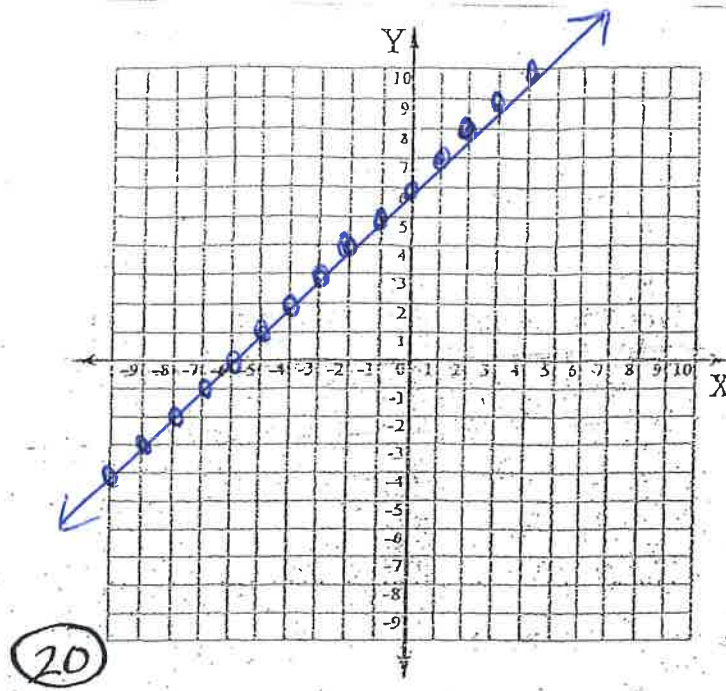
Directions: Graph each equation. Keep graphing ordered pairs across the ENTIRE coordinate plane. Label AT LEAST 3 ordered pairs.



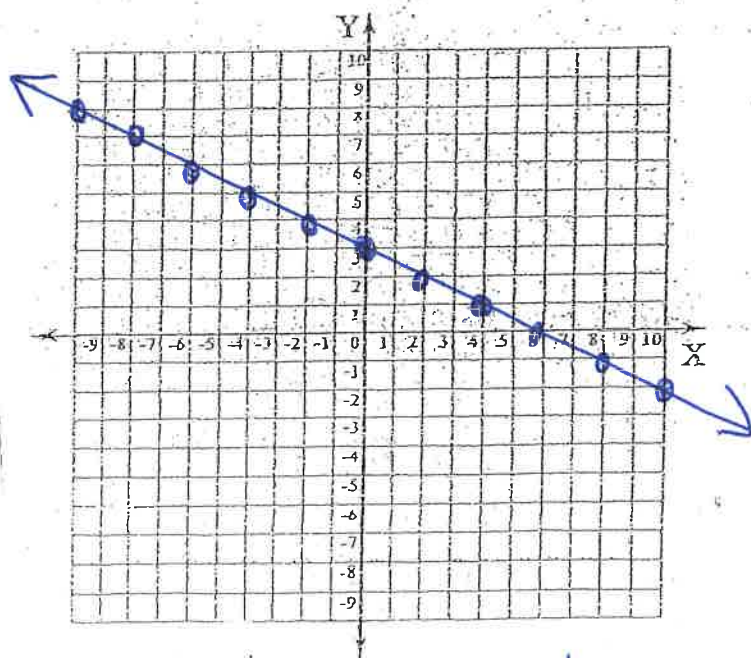
Directions: Graph the following equations, given the ordered pairs. Then write the equation on the graphed line.



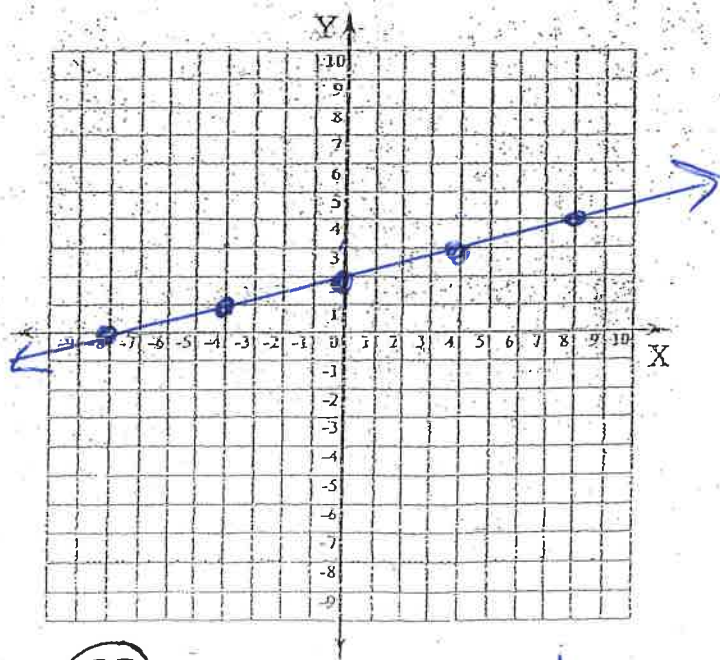
$(-1, -1)$ and $(2, 7)$ Equation: $y = 2x + 3$



$(-2, 4)$ and $(2, 8)$ Equation: $y = 1x + 6$



$(0, 3)$ and $(4, 1)$ Equation: $y = -\frac{1}{2}x + 3$



$(0, 2)$ and $(4, 3)$ Equation: $y = \frac{1}{4}x + 2$