Finding Slope From Two Points

Date_____

Find the slope of the line through each pair of points.

1) (19, −16), (−7, −15)

2) (1, −19), (−2, −7)

3) (−4, 7), (−6, −4)

4) (20, 8), (9, 16)

5) (17, −13), (17, 8)

6) (19, 3), (20, 3)

7) (3, 0), (−11, −15)

8) (19, −2), (−11, 10)

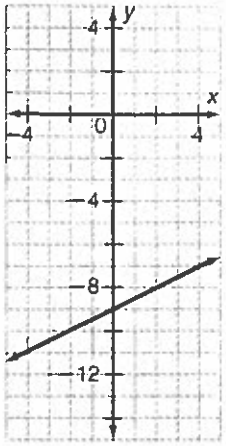
Date: _____

Practise: Determine the Equation of a Line

Secti
3.4

1. For each graph below, show **i)** the slope, **ii)** the y-intercept, and **iii)** the equation.

a)

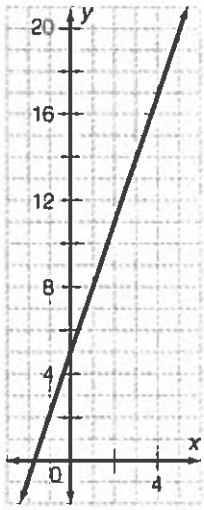


slope: _____

y-intercept: _____

equation: $y =$ _____

b)

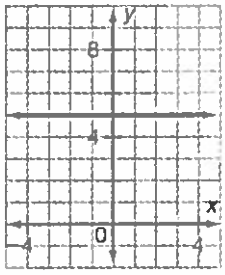


slope: _____

y-intercept: _____

equation: $y =$ _____

c)



slope: _____

y-intercept: _____

equation: $y =$ _____

2. Use the given information to write the equation of each line in the form $y = mx + b$.

a) slope $= -\frac{1}{3}$ and y-intercept $= 2$ _____

b) $m = 4$ and $b = -3$ _____