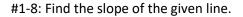
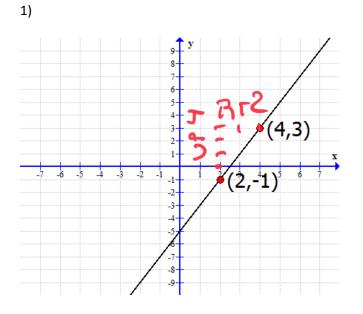
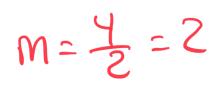
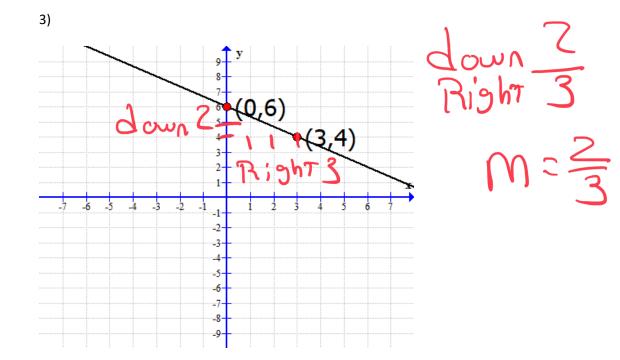
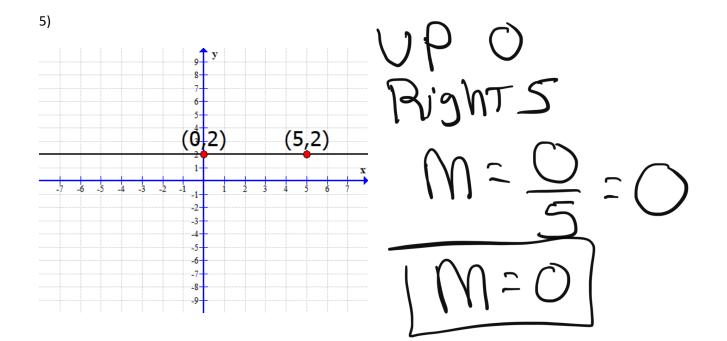
Section 2.2A – Slope of a Line

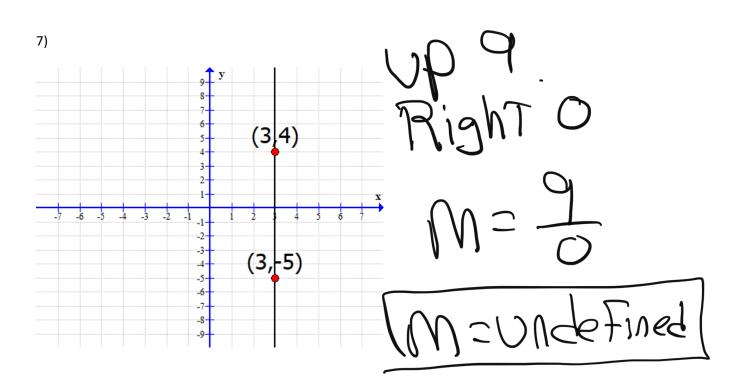












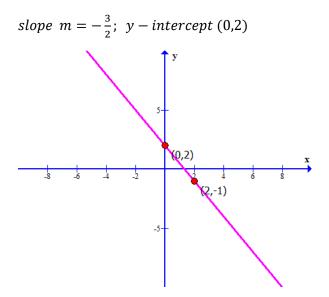
9)
$$y = \frac{3}{4}x - 5$$

Plot point (O, -5)
go up 3, Aight 4
slope $m = \frac{3}{4}$; y - intercept (0, -5)

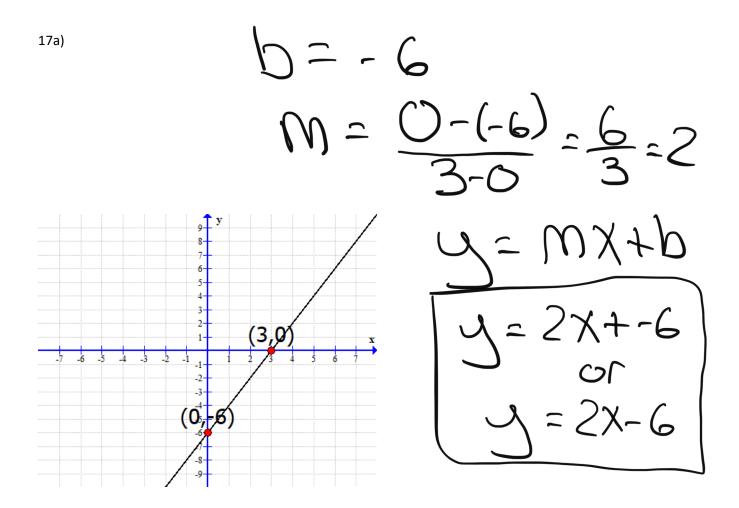
(0, -5)
(0, -5)

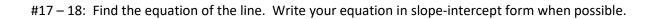
$$\frac{11}{2}y = \frac{-3}{2}x + 2$$

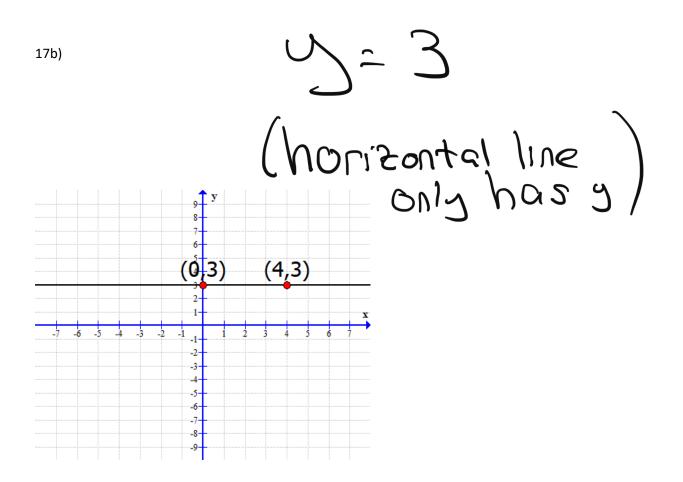
$$\frac{10}{3}y = \frac{-3}{2}x + 2$$



#17 – 18: Find the equation of the line. Write your equation in slope-intercept form when possible.

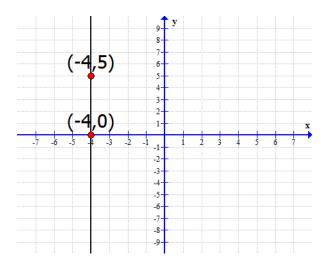


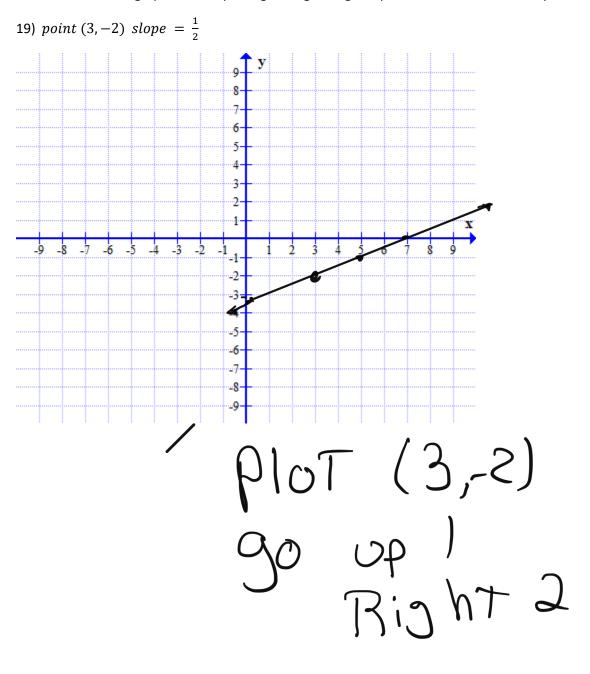


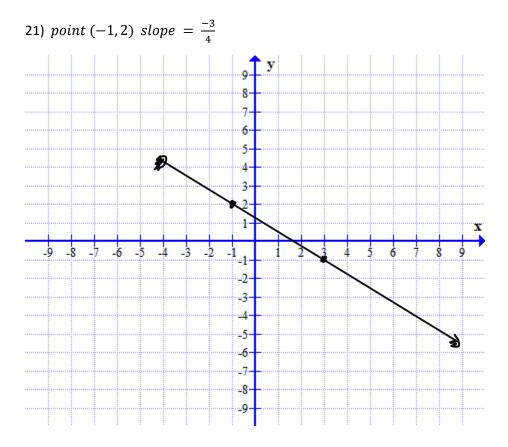


#17 – 18: Find the equation of the line. Write your equation in slope-intercept form when possible.

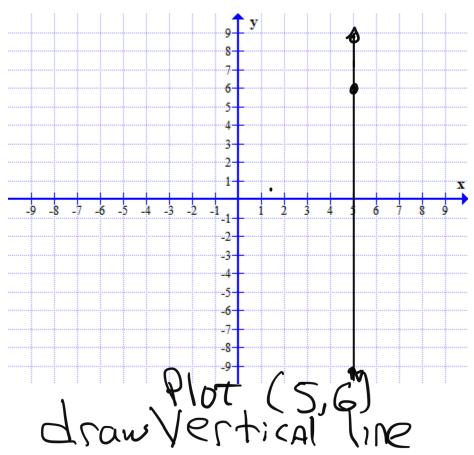






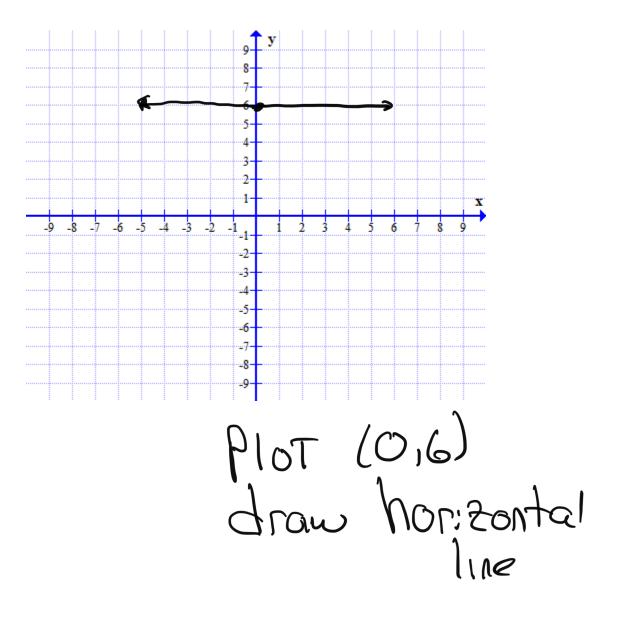


Plot (-1,2) Go down 3 Right 4



23) point (5,6) slope = undefined

25) point (0,6) slope = 0



#27 – 34: Find the slope of the line that passes through the two points.

27) first point (1,5) second point (3,-6)

$$M = \frac{-6.5}{3-1} = \frac{-1}{3}$$

$$M = -\frac{1}{3}$$

29) first point (-2, -3) second point (4,7)

$$M = \frac{7 - (-3)}{4 - (-2)} = \frac{7 + 3}{4 + 2}$$
$$M = \frac{10}{6}$$
$$M = \frac{5}{3}$$

31) first point (-2,5) second point (9,5)

$$M = \frac{5-5}{9-(-2)} = \frac{0}{11}$$

$$M = 0$$

33) first point (-2,0) second point (-2,9)

2) = Unde Fined