

MA 111 Exam 2 Answers  
Fall 2001

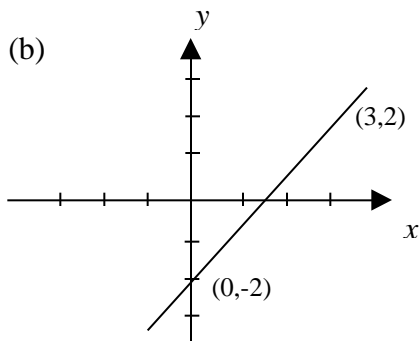
1. B and C

2.  $\frac{x+5}{5x+9}$

3. (3,4)

4. (a) slope =  $\frac{4}{3}$

y-intercept: -2 or (0,-2)



5. (a) -4

(b) 6

(c)  $\frac{x^2 - 1}{-2x + 6}$

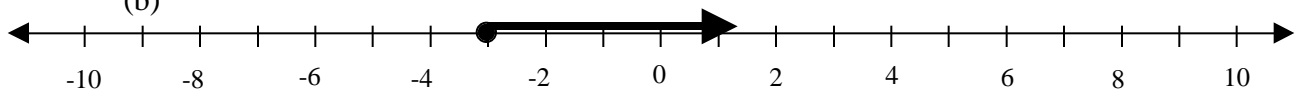
(d)  $x \geq 3$

6. (a)  $x^2 - 71x - 1360$

(b) \$920

7. (a)  $[-3, \infty)$

(b)



8.  $5x + y = -3$

9. For amounts greater than \$7500

10. 21 two-pointers and 17 three-pointers