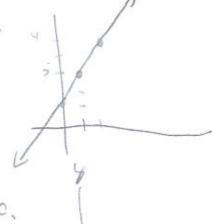
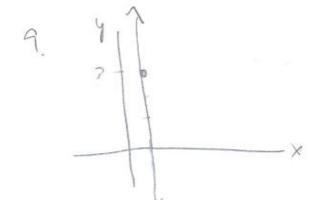
6. 
$$M = \frac{\binom{x_1}{x_2} \binom{x_1}{x_2}}{\binom{x_2}{x_2} = \frac{12}{3}} = \frac{12}{3} = 4$$

d) (Negative









(11. a) 
$$m=3$$
  $y-1/2=b=-2$   
Equation  $y=3\times 1-2$   
or  $y=3\times -2$ 

$$M = \frac{y_2 - y_1}{x_2 - x_1} - \frac{14 - 2}{5 - 1} = \frac{12}{4} = 3$$

Plus in (1,2) and solve for 6

So the equation is 
$$y = 3x - 1$$

$$y=3x-1$$

12. y= 3x-5 has slepe 3 Our parallel line has the same slope m=3 through (-154) Line: y = 3x + 6 plus in (-1,4) and solve for L. 4=3.(-1)+6 4 = -3+6 Equation | y = 3x +7 13. 5= 3x-5 has slope 3 our perfedientar line how slope m = - 1/3 through (-1,4) Lines y=- = x +6 plus in (-1,4) and solve for L. 4=-{(-1)+1 Equation / y = - 1 x - 33 · Perpendicular to y=3 has undefined stope. · So it is a vertical line through (1,12) 15. a) Neither

6) Neither

c) Parollel

16. STrue

6) False

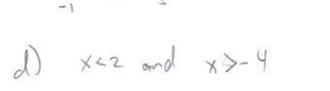
c) Time xes

17. 2) (4



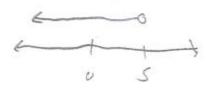


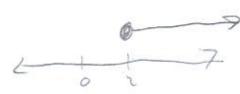


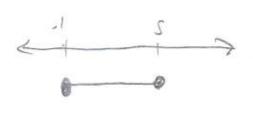


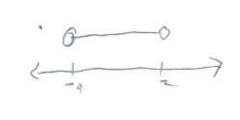


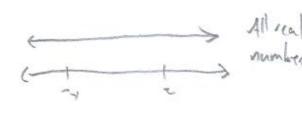


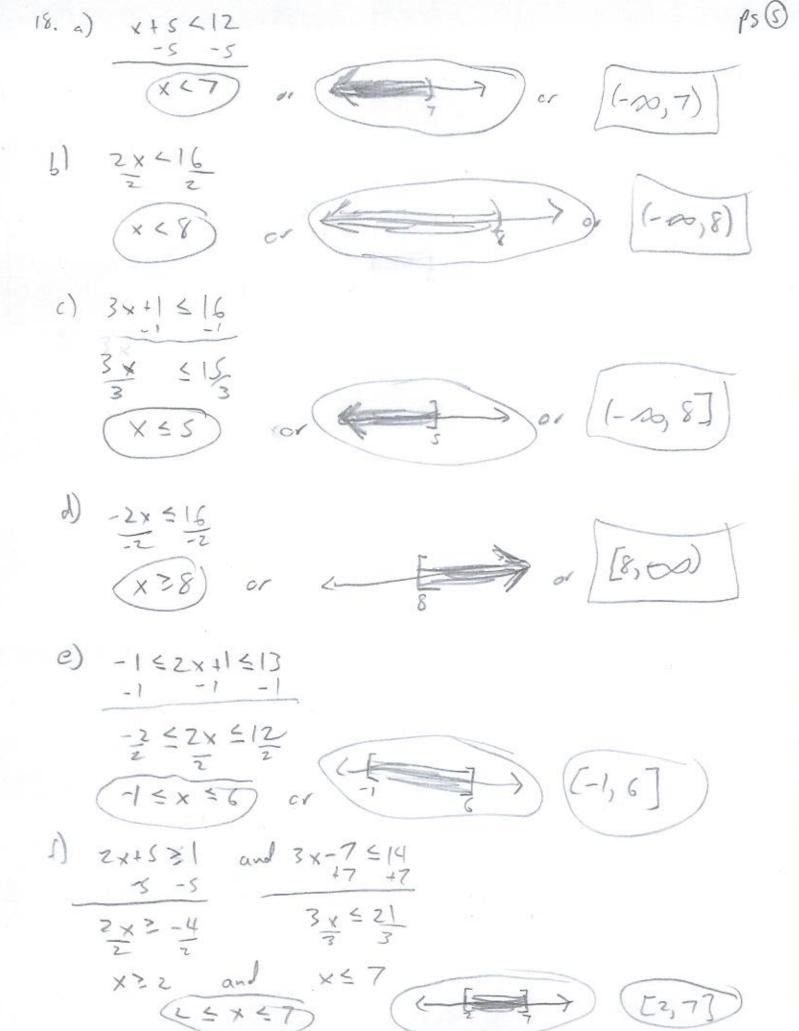


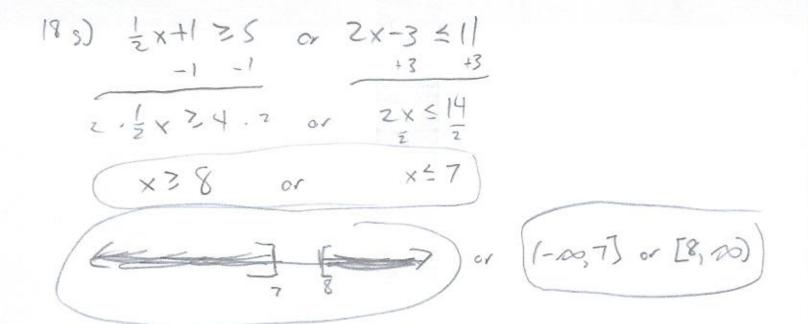












17. 
$$a | 4-5| = |-1| = 0$$
  
 $b | 1-4+7| = |+3| = 3$   
 $c | 15-3| = |2| = 2$