Test 2 Solutions Algebra

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1. a) 
$$X - int = (8, 0)$$

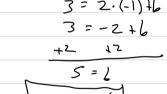
b)  $y - int = (0, 4)$ 

c)  $m = \frac{4-0}{5} = \frac{4}{5} = \begin{bmatrix} -1 \\ -1 \end{bmatrix}$ 

() 
$$m = \frac{4-0}{0-8} = \frac{4}{-8} = \frac{1}{2}$$

$$y = mx + b \qquad m = -1/2 \quad b = 4$$

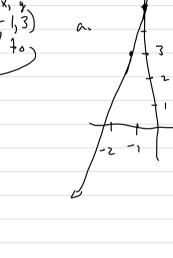
$$y = -\frac{1}{2} \times + 4$$



$$\frac{+2}{5} = 2$$

$$y = 2 \times + 5$$

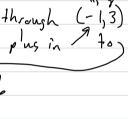
$$y = 2x + 6$$
 plus in /  
 $3 = 2 \cdot (-1) + 6$   
 $3 = -2 + 6$ 

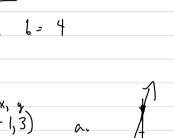


$$5 = 2$$
 $y = 2x + 5$ 

3. a)  $2y + 6y = 8$ 

y = - 3x +4







Test Z Solutions Algebra

4. slope = 2 y-w+=11 y= 2x +11)

y .nt = 11 5. slope = - /2

7, 2) 15 ]= 5

8=18-1 (1

c) 15-31=2 V 13-5/=5 e) 125-31=7

Test 2 Solutions Algebra 8.a) x+8 3B () 2x322 (115x) (X75) d) 142x-5513 c) 2x-7 331 +5 Z x 3,38 6 = 2x = 18 35 x 59 (x 7, 19)

e) -3x-6318

 $-3 \times 7 24$ 

X 5 -8

Test Z Solutions Algebra S. a) D. (-10, 50)

b) R (y > 1) 5) [5, 0) c) ( ) A)