

Do not Really Need  
Graph Paper, But  
could be helpful  
Will Need a Straight  
Edge!!

Pg. 213-214 · 17-29 (0) ; 40-48

17) not a solution

19) solution

21) not a solution

23) 6

25) 19

27) 5

29) -3

40) (0, 3)

46) (0, -1)

41)  $x = 4y + z$

47) (0, 12)

42) (0, -4)

48) (0, 5)

43) (0, -2)

44) (0, 1)

45) (0, 3)

# 4.3 Graphing Horizontal & Vertical Lines.

Jan. 25, 2007

Review  $(x, y)$

$$Ax + By = C$$

If  $A=0$ : Then  $By = C$

If  $B=0$ : Then  $Ax = C$

Still Graph Lines

Verbs:

plot: create a point! (must have an ordered pair)

graph: create a line! (will have an equal sign)

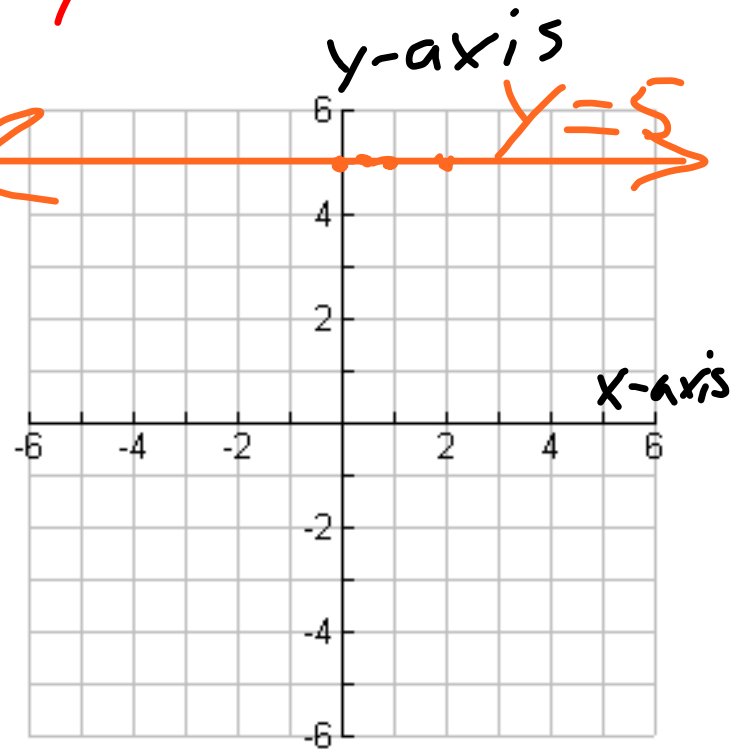
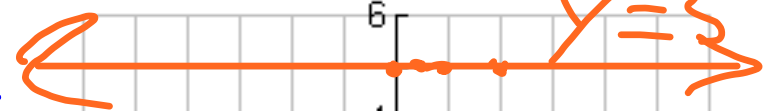
If  $A=0$  : Then  $By=C$

Graph

ex

$$\frac{2x}{2} = \frac{10}{2}$$

$$x = 5$$



If  $y=5$ , Then it

does NOT matter

What 'x' is!

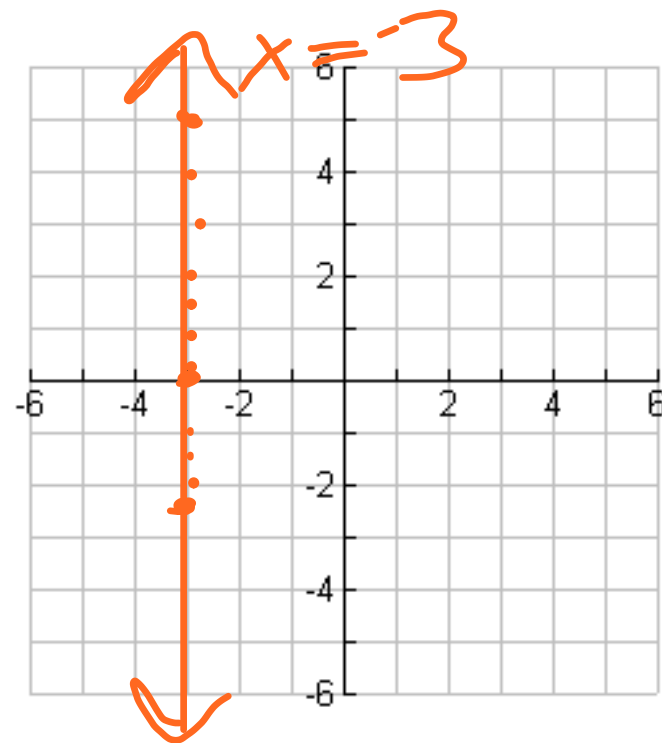
This creates a horizontal line

If  $B=0$ : Then  $Ax=C$

Graph

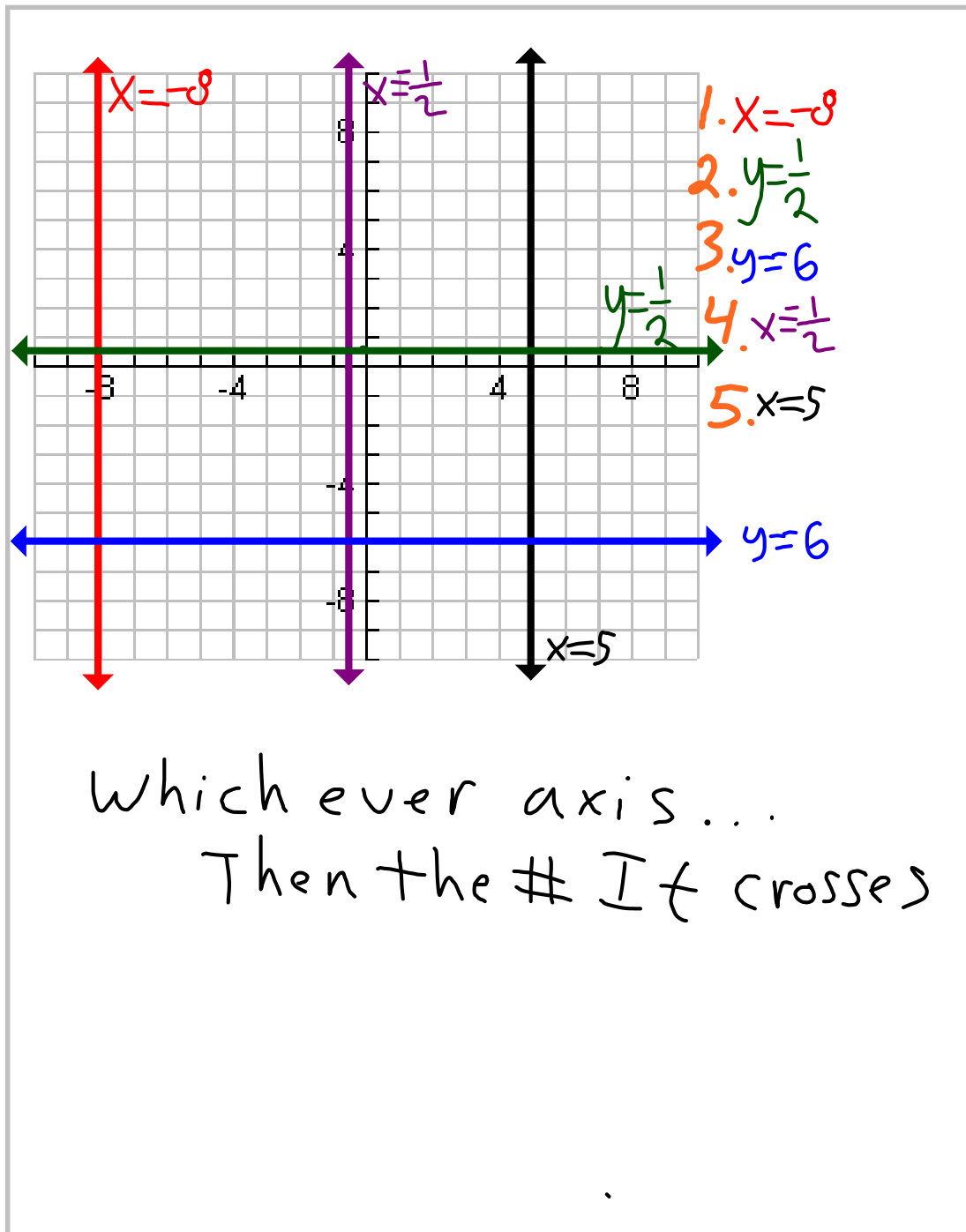
ex) 
$$\frac{-7x}{-7} = \frac{21}{-7}$$

$$x = -3$$



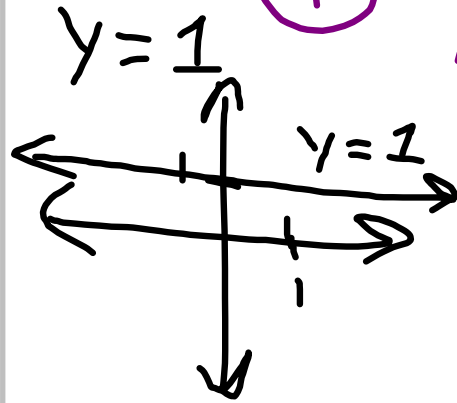
If  $x = -3$ , Then it does NOT matter what  $y$  is!

This creates a Vertical line.



O.T.L.

#4



① Write & Draw the  
Pics from the  
"Summary Chart on  
Pg 218.

② Pg 219: 1-33 (odd)