

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

Nov. 08, 2006

Horizontal & Vertical Lines.

Review

$$Ax + By = C$$

(x, y)

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 equals sign)

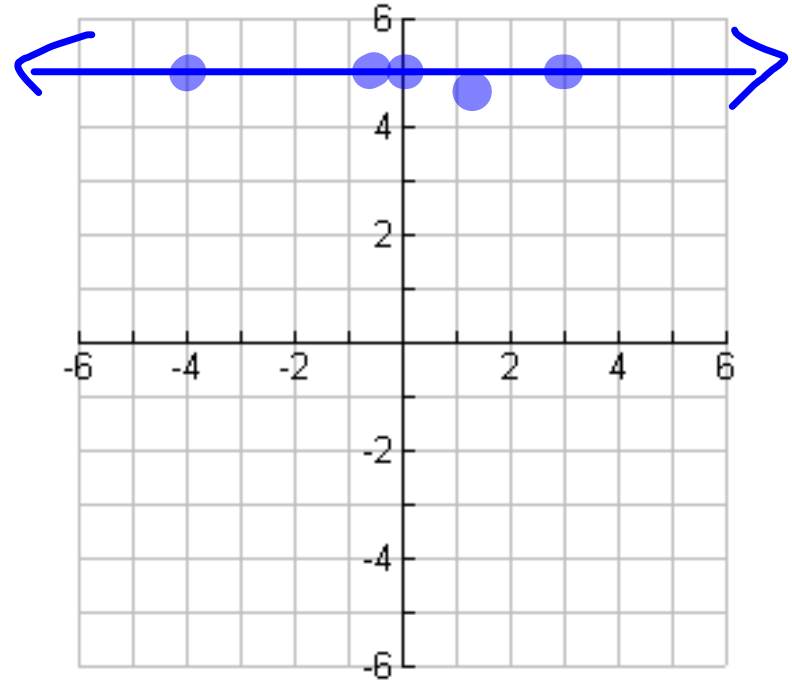
If $A=0$: Then $By=C$

Graph

EX)

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

$$\underline{y=5}$$



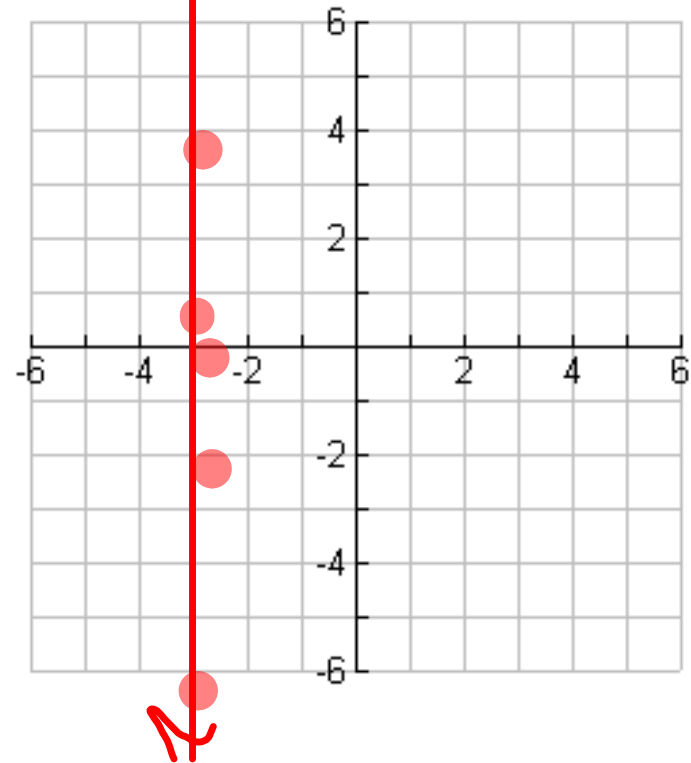
If $y=5$, Then it
does not matter
What 'x' is!

This creates a horizontal line

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

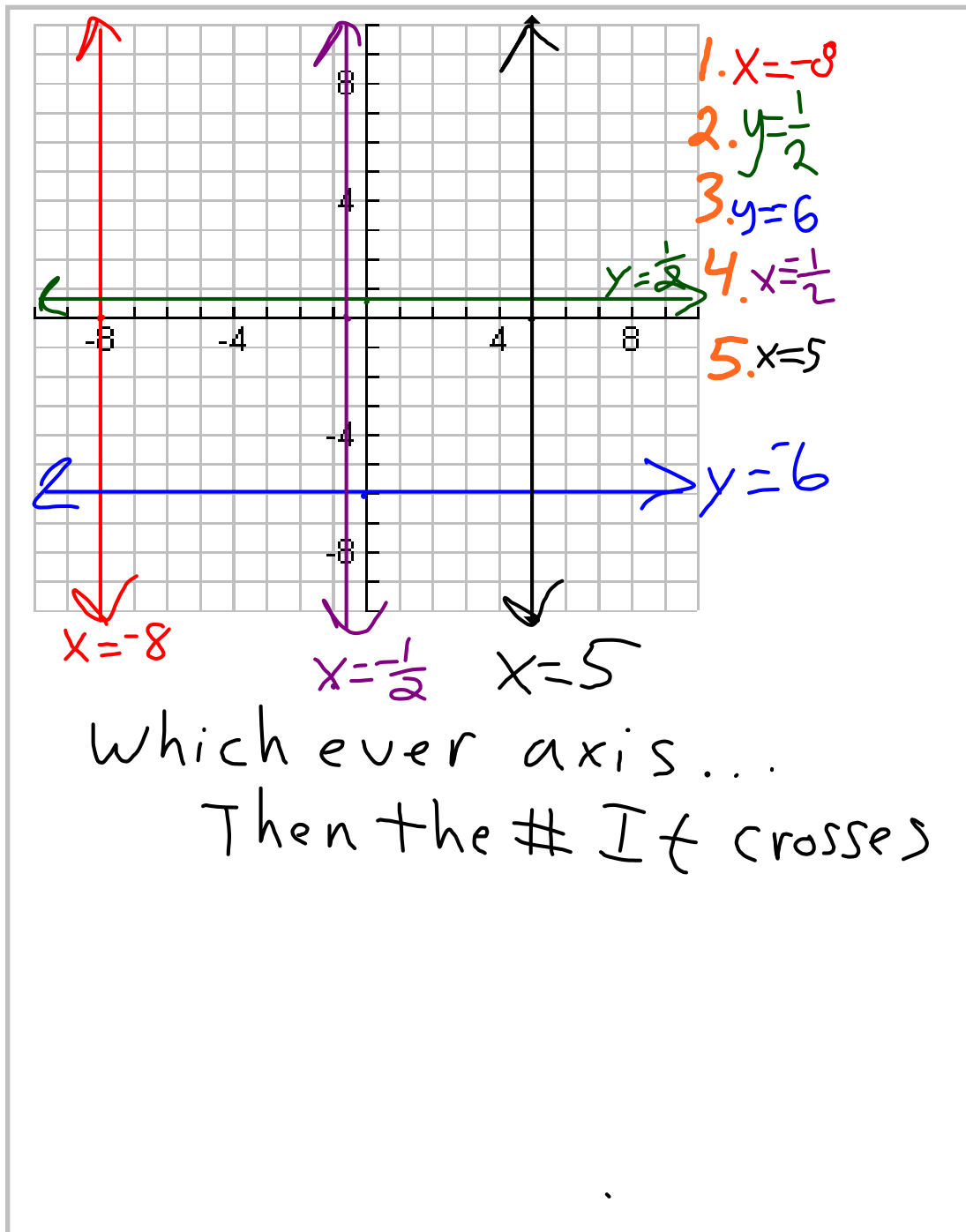
Graph
ex

$$\begin{array}{r} -7x = 21 \\ \hline -7 \quad \quad \quad -7 \\ \hline x = -3 \end{array}$$



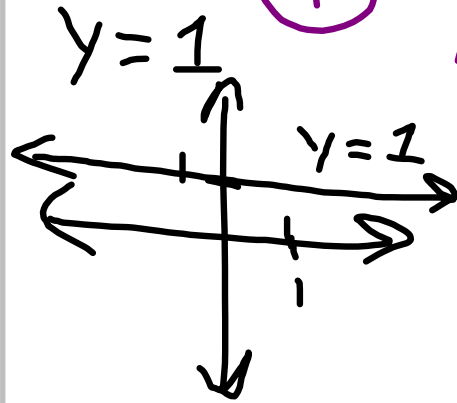
If $x = -3$, Then it
does Not matter
what y is!

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)