Test Ch 6

HW: Final Review #2

Algebra 1 Wk 16 Friday 2015

Final Review #2

Name_____

1. Solve

$5m-2(m+4)=-(2m+15)-3$

2. Solve

$$\frac{x+4}{5}=\frac{x-2}{7}$$

3. What shape should each graph be?

a) y=|3x-5|

b) $y=3-2x^2$

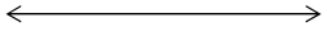
c) y=3x+2

d) $y=3x^2-4x+2$

e) y=4-|x+2|

4. Solve and graph on a number line

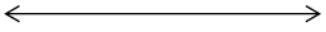
$-3<2x-1\leq 7$



Solution:_____

5. Solve and graph on a number line

$4v+3\leq -5 \quad or \quad -2v+7<1$



Solution:_____

6. Solve and graph on a number line

$|2p+5|=11$

Solution:_____

7. Solve and graph on a number line

$|2c-5|<9$

Solution:_____

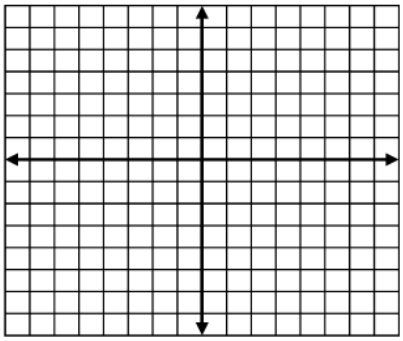
8. A) Put into slope intercept form and graph, label A

5x-2y=10

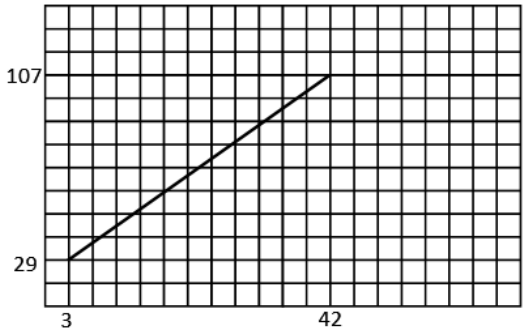
B) Use the method of intercepts to graph the line, label B (show work)

3x-2y=12

graph for 8 A & B



9.



Write the equation of the line above, in slope intercept form.

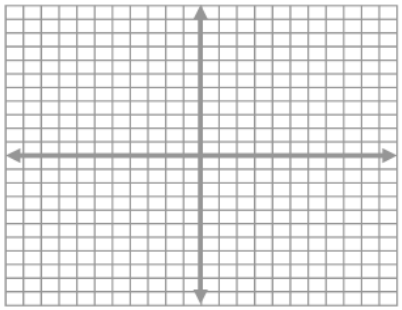
10. Write the equation of the line, in slope intercept form, that is parallel to y=3x+2 and passes through (-2,8)

11. Write the equation of the line, in slope intercept form, that is perpendicular to y=3x+2 and passes through (-6,-20)

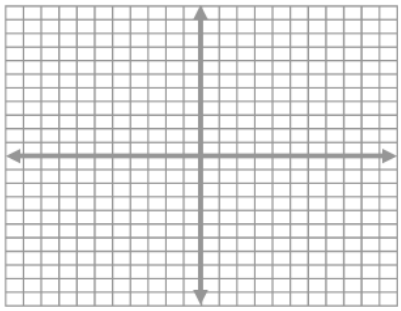
12. Solve by graphing and CHECK!

y=2x-3

y=x-1



13. Solve by substitution or elimination

$$2x+5y=-22$$
$$10x+3y=22$$

14. Graph $3x-y<2$