

Name _____

Date _____

Pts. Earned _____ Out of _____

Hour _____

RAP Sheet #1

Circle your answers!!! Show your work!!!

1. Solve

a. $-2+3(x+12) = 6-4x$

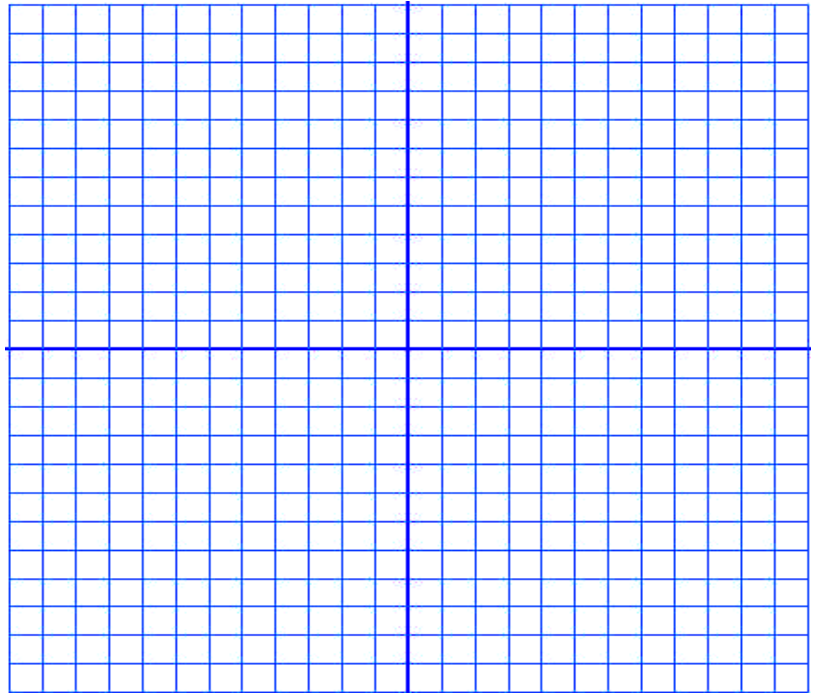
b. $7 = \frac{5}{6}x - 8$

2. Graph

a. Y-intercept = 3

X-intercept = 6

b. $y=2x-6$



3. Write in point-slope form

a. $2y-3 = 4x+ 7$

b. (3,1) and (1,5)

4. Solve

a. $2(3-x) \geq -4$

b. $|2x-4| = 12$

5. Solve

a. $5x + 2y = 9$ (Use substitution)
 $x + y = -3$

b. $2x + 3y = 11$ (use elimination also known as
 $-2x + 5y = 13$ addition/subtraction method)

6. a. $2x^2 + 3x^2 =$ _____

b. $(2x^2)(-4x^3) =$ _____

7. Foil

a. $(2x + 3)(x - 8)$

b. $(x - 3)(x + 3)$

8. Factor

a. $x^2 + 3x - 18$

b. $x^2 - 25$

9. Solve

a. $x^2 = 16$

b. $3x^2 + 2 = 20$

10. Sketch a graph.

a. $y = x^2$

b. $y = x^2 - 8$

