

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Algebra 1 Real Numbers Worksheet

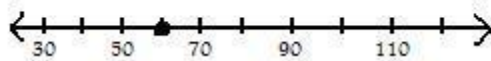
1) Put the equation of  $2(x + 3)$  in simplest form.

2) Find the mean of  $[24, 12, 24, 10, 15]$

3) Which property would you need to use to simplify  $2(5 - x)$ ?

Hint: Distributive, Associative, Commutative or Transitive.

4) What number is the dot plotted on in the following number line?



5) Evaluate  $2x^2 + 3x^2$  when  $x = 3$ .

6) Evaluate  $(\frac{3}{4})(\frac{1}{2})$ .

7) Evaluate  $-|x + 3|$  when  $x = -6$ .

8) Simplify  $\frac{60x - 20}{5}$ .

9) There are four apples and 6 oranges in a basket. What is chance of picking an apple on your first pick?

10) Evaluate  $-|-3^3|$ .