

You must complete this before retaking the MC again. Remember it is all about LEARNING so take your time and learn how to do these skills. If you need help please ask!

NAME: _____

Corrective Assignment 1.2

Write each as an algebraic expression:

1) a number cubed is 16

2) n squared

3) the sum of a number and 7 is 22

4) the sum of n and 7 is greater than or equal to 7

5) 2 cubed

6) the difference of a and 17 is greater than 18

7) the sum of 2 and 5

8) the difference of n and 28

9) the difference of n and 11 is equal to 5

10) a number squared is greater than 14

Solve using mental math.

11) $\frac{x}{15} = 4$

12) $\frac{a}{17} = 10$

13) $-17 = \frac{n}{6}$

14) $-14v = 70$

Check to see if 20 is a solution.

15) $-1 - 5v \leq -16$

16) $1 + \frac{n}{5} > -2$

17) $2x - 2 > 20$

18) $2 + \frac{x}{3} \leq -1$

Find the unit rate in feet per second.

$$19) \frac{80\text{YARDS}}{2\text{MINUTES}}$$

$$20) \frac{120\text{miles}}{2\text{hours}}$$

ANSWERS TO CORRECTIVE ASSIGNMENT:

Make sure you check all your answers and make sure you KNOW how to do all of them. You could simply copy answers but that's not the point. The point is that you have to learn how to do this so please make sure that for any you don't understand you get help BEFORE taking the Mastery Check again.

$$1) n^3 = 16$$

$$5) 2^3$$

$$9) n - 11 = 5$$

$$13) \{-102\}$$

$$17) x > 11$$

$$2) n^2$$

$$6) a - 17 > 18$$

$$10) n^2 > 14$$

$$14) \{-5\}$$

$$18) x \leq -9$$

$$3) n + 7 = 22$$

$$7) 2 + 5$$

$$11) \{60\}$$

$$15) v \geq 3$$

$$19) 2 \text{ ft/sec}$$

$$4) n + 7 \geq 7$$

$$8) n - 28$$

$$12) \{170\}$$

$$16) n > -15$$

$$20) 88 \text{ ft/sec}$$