Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_

Math 8

**Unit 2 Quiz Review**

1. What is the first step to solve: -3(n + 4) = 12
	1. Add n and 4
	2. Divide by -3 on both sides
	3. Distribute the -3 to what’s inside the parentheses
	4. Subtract the 12 from both sides
2. Solve the following: $6=\frac{-3}{4}x$

a. 8 b. $\frac{-18}{4}$ c. -8 d. 12

1. What is the first step to solve: 14 = -12 + 13x
	1. Add 12 to both sides
	2. Divide both sides by 13
	3. Subtract 12 by both sides
	4. Subtract 14 by both sides
2. What equation can be used to solve: m + 14 = 90

a. m = 90 / 14

b. m = 90 \* 14

c. m = 90 + 14

d. m = 90 - 14

1. What happens when you combine like terms in the given equation:

14 = -8y + 12 + 13y – 20

* 1. 14 = -8y + 5
	2. 14 = -5y + 8
	3. 14 = 5y - 8
	4. 14 = -21y - 8
1. Solve the following: $\frac{x}{9}=-7$
	1. -63
	2. 63
	3. -54
	4. -42

**PART 2- MUST SHOW ALL WORK TO RECEIVE FULL CREDIT**

**Solve: Check:**

7) 37 = -3 + 5(x + 6)

1. -(n – 8) = -2
2. -6n – 2n = 16
3. 5y + 34 = -2(1 – 7y)
4. $\frac{1}{2}$x – 3 = 2 – $\frac{3}{4}$x
5. 4(2a + 3) = -3(a – 1) + 31
6. $\frac{1}{3}\left(12m+6\right)=30$

 14) 