Unit 5: Cumulative Review	
1. Simplify 3+ 8/2 + 60(5) + 1	2. Simplify 3+ 8(2) + 60/5 + 1
3. Simplify -3(-7) – 5(6)/(-2)	4. Simplify $-8/(6-8) + 1$

6. Simplify 
$$\frac{a+b}{c-d}$$
 when a = 20, b = 5, c = 9, d = 4.

7. Simplify (11x - (5/4)x)/(3/2)

8. Find the solution to the equation 14x + 1 + 6x - 9 = 32.

9. Solve 4(y + 2) - 5y = y + 12

10. Use a unit multiplier to convert 26 nerds to geeks when it is known that exactly 13 nerds = 12 geeks.

11. Express "3y plus 5 is at least 5x minus 12" in mathematical symbols.

12. Determine the inequality solution to 4x - 6 > x - 1. Express the answer both symbolically and as a graph on a number line.

13. From the expression "3 less than 10 times the weight", define a variable and then write the expression algebraically.

14. The three sides of a triangle are z + 9, z + 1, and z + 2. If the perimeter of the triangle is 48, what is the value of z?

\*15. If the perimeter of a closed half circle is 37.09, what is the radius?

16. Bob sells used cars for a commission of 8%. What is the price of a car he sells if his commission is \$130?