

Weekly Homework #18

Name: _____

Date: _____

Segment: _____

Write your **ANSWERS** in the **BOXES** on the **FRONT**. Complete all **SCRATCH WORK** on the **BACK**. Make sure it is neat and organized. This is due on Friday. All work must be shown in order to receive credit.

1. Define the term "equivalent." (Use your notes or a dictionary.)	2. What strategy do you use to solve a problem with proportions?	3. What is the GCF and LCM of 108 and 96?
4. Show your work for $16.84 - 7.5 =$	5. Write an expression for each of the following: A) The product of twice a number & 4 B) 15 less than a number	6. Use the Distributive Property to simplify $6(7h - 2k)$.
7. Solve each of these: A) 20 is what percent of 300? B) 60% of 200 is what?	8. Solve the problems: A) $3 \times (10 - 4) \div 2$ B) $70 - (5 \times 6) + 3^2$	9. The ratio of stars to hearts is 7:2. There are 45 shapes. How many of each type of shape is there?
10. $\frac{3}{5} \div \frac{1}{4} =$	11. What are the three ways you can write a ratio? When should you simplify a ratio?	12. A rectangle has a length of 8 and a width of 4. A similar figure has a width of 10. What is the length?
13. Identify the parts of the expression: $2^3 + y + 4 + 3t$	14. What other words mean addition, subtraction, multiplication, and division? Write at least three for each.	15. Four boxes of cereal cost \$13.04, what is the unit rate? How much will seven boxes cost?
Coefficient – Constant – Terms – Variables – Exponent -	Addition: Subtraction: Multiplication: Division:	