

# Weekly Homework #15

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. How many feet are in 459 yards?	2. What strategy do you use to solve GCF and LCM problems?	3. What is the GCF and LCM of 66 and 33?
4. Show your work for $5.2 \times 1.03 =$	5. The ratio of birds to fish is 4:5. There are 36 pets total. How many of each type of pet are there?	6. What is 40% of 15?
7. What is 70% of 200?	8. Solve for x. $\frac{15}{x} = \frac{6}{4}$	9. The ratio of fish to hamsters is 5:3. There are 48 pets total. How many of each type of pet are there? (HINT: Use a tape diagram.)
10. Evaluate. $2\frac{4}{6} \div \frac{2}{3}$	11. There are 30 people in Ms. Tames class. 18 are boys. What is the ratio of girls to the total number of people?	12. A picture is 4 inches wide by 6 inches tall. If Hannah enlarges the picture so that the width is now 10 inches, what is the new height?
13. Identify the parts of this power and answer the following questions. $5^4$	14. Solve the problem: $4 \times (15 - 7) \div 2$	15. Answer each question below using the following problem. $6^3$
Base = Exponent= What does the exponent tell the base? Evaluate: $5^4$		Base = Exponent= Write it in expanded form=  Evaluate. $6^3$