

# Weekly Homework #11

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.

<b>1. 3 Cokes cost \$3.75, what is the unit rate?</b>	<b>2. What is the definition of the term "ratio?"</b>	<b>3. What is the GCF and LCM of 24 and 36?</b>
<b>4. Explain how to solve a proportion.</b>	<b>5. The ratio of boys to girls is 3:5. There are 24 kids total. How many are girls?</b>	<b>6. A picture is 4 inches wide by 6 inches tall. Sarah wants to it enlarge the width to 10 inches. What will the new height be?</b>
<b>7. Expand: <math>4(x + 2 + 3y)</math></b>	<b>8. Evaluate. <math>3.56 + 9.042</math></b>	<b>9. Evaluate. <math>10.5604 - 7.89</math></b>
<b>10. Evaluate. <math>\frac{5}{8} \div \frac{4}{10}</math></b>	<b>11. <math>14.274 \div 2.6 =</math></b>	<b>12. Evaluate. <math>1.34 \times 1.2</math></b>
<b>13. If there are 2 cats, 4 dogs, and 6 rabbits, what is the ratio of dogs to the TOTAL number of animals?</b>	<b>14. Tony is going to share brownies with 6 people. He has <math>4\frac{1}{2}</math> pans of brownies. How much will each person get?</b>	<b>15. What are the three ways you can write a ratio?</b>