

Weekly Review #23

Name: _____ Date: _____ Segment: _____

Write your **ANSWERS** in the **BOXES** provided 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. If there are 2 rattlesnakes, 8 copperheads, and 4 cobras, what is the ratio of rattlesnakes to all snakes?	2. Rewrite using the GCF. $24t + 36$	3. Kathy swims at least 6 laps every day. Write an inequality to show how long Kathy swims each day.										
4. 84 is what percent of 105?	5. What is the value of $6x^2 + 4x + 8$, when $x = 7$?	6. Solve for r. $80 = 10r$										
7. Simplify: $24 \div (5 - 2) + 2$	8. Evaluate. $36.2 \times 0.6 =$	9. Solve for x. $\frac{5}{7} = \frac{x}{28}$										
10. $\\$20 - \\$5.75 =$	11. $\\$112.90 + \\$73.97 =$	12. 20 is what percent of 80?										
13. Find the rule. Solve for n. <table border="1" style="margin: 5px auto; border-collapse: collapse; text-align: center;"> <tbody> <tr> <td style="padding: 2px 10px;">X</td> <td style="padding: 2px 10px;">Y</td> </tr> <tr> <td style="padding: 2px 10px;">3</td> <td style="padding: 2px 10px;">30</td> </tr> <tr> <td style="padding: 2px 10px;">4</td> <td style="padding: 2px 10px;">40</td> </tr> <tr> <td style="padding: 2px 10px;">6</td> <td style="padding: 2px 10px;">n</td> </tr> <tr> <td style="padding: 2px 10px;">7</td> <td style="padding: 2px 10px;">70</td> </tr> </tbody> </table>	X	Y	3	30	4	40	6	n	7	70	14. Andrea deposited 138 dollars into her bank account. Write an expression representing Andrea's bank account.	15. Lamar ate 45 hotdogs in 3 minutes at the annual hot dog eating contest. What is Lamar's unit rate?
X	Y											
3	30											
4	40											
6	n											
7	70											
Rule: n = _____ The rule is _____												

Show all scratch work in the appropriate box.

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

11.

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13.

14.

15.