**Weekly Review # 28** Name:\_\_\_\_\_\_\_\_\_\_\_\_

Block:\_\_\_\_\_\_\_\_\_\_\_\_

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| 1. A buckeye’s mass is 0.374 milligrams. What is the mass of 5 buckeyes? | 2. What is $14^{4}$written as a product of the same factor?What is the value of $14^{4}$? |
| 3. A bin of easter eggs holds 16 gallons of easter eggs. If each child’s basket can hold ⅔ of a gallon of easter eggs, how many baskets can the bin fill? | 4. Use the distributive property to determine which expressions below are equivalent to:42 + 71. 7(6+1) B. (7)(7) C. 6(7+1)

D. $7^{2}$ E. 7(6 + 7) |
| 5. Write the following as a unit rate? *540 donuts eaten in 6 hours* | 6. Find the LCM of 8 and 12. *Show your work.*  |
| 7. Which is the correct expression? *“17 minutes less than Shirley biked”*1. 17- s B. s - 17

 C. 17 + s D. 17s | 8. *Lauren is selling candy bars in a fundraiser. Each candy bar sells for $1.50 and each box has 20 candy bars.* Write an equation for the amount of money (*m*) that would be collected if *b* amount of boxes of candybars are sold.  |
| 9. Complete the table below to help solve the problem. *The butterfly beats its’ wings 40 times in a minute. At this rate, how many times can we predict the butterfly will beat its’ wings in an hour?*

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| --- | --- | --- | --- |
| Wing Beats |  |  |  |
| Time |  |  |  |

 | 10. Karen is loading easter eggs for this weekend’s hunt. She wants to put the same candies in each egg. She has 48 Twix bars and 64 KitKats. What is the most amount of eggs could she fill where each egg would have the same amount of each candy with none left over?  |