

### Third Nine Weeks Study Guide

Name: \_\_\_\_\_ Period: \_\_\_\_\_

1. Caroline rides her bike at a rate of 5 miles per hour. At this rate, how far will she ride in 6 hours?  
a) 5 miles      b) 6 miles      c) 30 miles      d) 11 miles
2. Amy's mother paid \$20 for 40 pieces of candy. What was the unit rate per piece of candy?  
a) \$1.00      b) \$0.50      c) \$0.05      d) \$2.00
3. Mrs. Smith's class has 25 students. There are 15 girls and 10 boys. What is the ratio of boys to girls in simplest form?  
a) 15:10      b) 10:15      c) 2:3      d) 3:2
4. At Store A, 3 cans of soda cost \$1.65, and at Store B, 5 cans of the same soda cost \$2.15. Which store has the better buy and how much can be saved? Remember to find the unit rate. Show your work.
5. What is 75% of 36?  
a) 25      b) 27      c) 26.3      d) 30
6. What is 42% of 56?  
a) 23.52      b) 22      c) 58      d) 3.36