

Quiz 2 review

1. So far this year the Rockets have won 19 and lost 5 of their water polo games
 - a. Write a ratio of games won to games played. **19 to 24**
 - b. Write the ratio of games won to games lost. **19 to 5**
 - c. What percent of their games did the Rockets win? **79%**
 - d. What percent of their games did the Rockets lose? **21%**

2. Jessica found gum on sale for 8 sticks for 36 cents and 17 sticks for 96 cents. Which one is the better deal? **8 sticks is 4.5 cents per stick, 17 sticks is about 5.6 cents per stick so the pack of 8 would be the better deal.**

3. If you were going 5 miles per hour, how long would it take you to go 11 miles? **2.2 hours**

4. Mr. Dick's paycheck states that he makes \$1025 a week.
 - a. At that rate, how much does he make a year? **$\$1025 \times 52 = \$53,300$**
 - b. If he works 40 hours in a week, how much does he make an hour? **$\$1025/40 = \25.63**
 - c. If 35% goes towards taxes and social security, how much is his net pay (the amount of money for which his check is actually written)? **If he pays 35%, that means he keeps 65%, so 65% of \$1025 = \$666.25**