

RATIOS, RATES, UNIT RATES AND RATIO TABLES STUDY GUIDE

Name: 3rd Nine Weeks Period: _____ Date: given out
Benchmark Study Guide 3-2-2015

I. Write each scenario as a ratio using labels. Remember to write each ratio in simplest form.

- Tyson's math class has 12 boys and 8 girls. Write the ratio of girls to boys.
- At a bake sale, 15 cookies and 40 brownies were sold. Write the ratio of cookies sold to brownies sold.
- The jewelry store is having a sale on 25 emerald rings and 15 ruby rings. Write the ratio of ruby rings to emerald rings.

II. Write each phrase as a Rate (first) and then determine Unit Rate (second).

**** Remember Unit Rate always has a denominator of 1 ****

- \$42 for 7 books
- \$6 for 8 packs of gum
- \$216 for 18 hours of work

III. Use Rates & Unit Rates to determine which is the better deal. Circle your answer !!

**** Remember to round to the nearest hundredth if you have a decimal ****

- \$12 for 3 paperback books; \$28 for 7 paperback books
- 25 gumballs for \$3.50; 30 gumballs for \$4.50
- 96 words typed in 3 minutes; 160 words typed in 5 minutes