**Chapter 4 Rational Numbers: Mid-Chapter Study Guide Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_**

**Write each fraction or mixed number as a decimal. Use bar notation if the decimal is a repeating decimal.**

1. $2\frac{3}{8}$ 1. \_\_\_\_\_\_\_\_\_\_

 **2.** $\frac{11}{121}$ 2. \_\_\_\_\_\_\_\_\_\_

 **3.** $ -\frac{2}{3}$ 3. \_\_\_\_\_\_\_\_\_\_

**Replace each with <, >, or = to make a true sentence.**

 **4.** $\frac{20}{30} $ $\frac{40}{50}$ 4. \_\_\_\_\_\_\_\_\_\_

 **5.** $ -\frac{8}{17} $ $-\frac{24}{51}$ 5. \_\_\_\_\_\_\_\_\_\_

**Add or subtract. Write in simplest form.**

 **6.** $\frac{8}{9}+\frac{4}{9}$ 6. \_\_\_\_\_\_\_\_\_\_

 **7.** $ -\frac{7}{15}+\frac{3}{5}$ 7. \_\_\_\_\_\_\_\_\_\_

 **8.** $ -\frac{5}{6}-\frac{1}{6}$ 8. \_\_\_\_\_\_\_\_\_\_

 **9.** $ 4\frac{8}{9}-\frac{5}{18}$ 9. \_\_\_\_\_\_\_\_\_\_

 **10.** $ -5\frac{5}{8}-\frac{3}{6}$ 10. \_\_\_\_\_\_\_\_\_\_

 **11. HOMEWORK** Honon spent $2\frac{3}{4}$ hours on homework yesterday while Sequoia spent $1\frac{5}{6} $hours on homework. How much more time did Honon spend on homework than Sequoia? 11. \_\_\_\_\_\_\_\_\_\_

 **12.** Order the lengths $\frac{2}{3}$ inch, 0.6 inch, and 0.66 inch from least to greatest. 12. \_\_\_\_\_\_\_\_\_\_

 **13.** Order the rational numbers $-\frac{1}{3}$ , $-0.22, -$0.126, and $-\frac{1}{8}$ from least to greatest. 13. \_\_\_\_\_\_\_\_\_\_

 **14.** Which of the following has the greatest value? 14. \_\_\_\_\_\_\_\_\_\_

 **A.** $\frac{4}{7}$ **B.** $\frac{6}{8}$ **C.** $\frac{12}{15}$ **D.** $\frac{6}{10}$