Math 7 Name\_\_\_\_\_\_\_\_\_\_\_\_

Period\_\_\_\_ Date\_\_\_\_\_\_\_

**Review: Fractions**

**Perform the indicated operation. Write each answer in simplest form. You MUST SHOW ALL WORK for full credit! [4 pts. each]**

1. $\frac{7}{10}$ 2. $\frac{1}{6}$ ÷ $\frac{8}{11}$ = \_\_\_\_\_\_\_\_\_\_

+ $\frac{2}{5}$

 3. $1\frac{1}{3}$ ∙ $\frac{1}{5}$ = \_\_\_\_\_\_\_ 4. $3\frac{1}{2} $÷ $2\frac{3}{4}$ = \_\_\_\_\_\_\_\_\_

 5. $2\frac{1}{9}$ 6. 8 $\frac{1}{2}$ ÷ 4 = \_\_\_\_\_\_\_\_

 - $1\frac{3}{4}$

 \_\_\_\_\_\_\_

7. $1\frac{3}{8}$ ● $3\frac{1}{3}$ = \_\_\_\_\_\_

8. $2÷\frac{3}{4}$ =\_\_\_\_\_\_

**Solve:**

9. Zain can harvest $4\frac{1}{4}$ acres of pumpkins in 1 day. How many acres of pumpkins can he harvest in $7\frac{1}{2}$ days? \_\_\_\_\_\_\_\_

10. A Social Studies textbook is $\frac{4}{5}$ of an inch thick. How many of these books will fit on a shelf that is 48 inches wide? \_\_\_\_\_\_\_\_\_

11. Greg and James own neighboring pumpkin patches. Greg harvested $5\frac{1}{2}$ acres of pumpkins on Sunday and James $2\frac{3}{4}$ acres. How many more acres did Greg harvest than James?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12. Yesterday, Colin went through 8 bottles of Gatorade on Monday. If he drinks $\frac{1}{4}$ as much Gatorade on Tuesday, how many bottles of Gatorade did he drink on Tuesday? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

13. Nick earns $8.50 per hour working as a cashier. On Friday he spent $1\frac{1}{4}$ hours stocking shelves, $3\frac{1}{2}$ hours working the register, and $2\frac{7}{12}$ hours cleaning the store. What were Nick’s earnings?

**Match the following number systems with the correct set of numbers:**

**Give 3 examples of the following:**

Whole numbers \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Rational \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Natural\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Integers \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Irrational \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_