

**Multiplying Fractions and Whole Numbers Word Problems** Name \_\_\_\_\_

Directions: Solve the following fraction problems by multiplying. Write the answer in simplest form.

1.) Thomas walked  $\frac{1}{2}$  of the way toward the store that was a 4-mile trip. How far had Thomas walked so far?2.) Farmer Johnson has 12 acres of land. He plowed  $\frac{3}{4}$  of the field. How many acres did he plow?3.) Marigetha practices the guitar  $\frac{1}{2}$  hour each day. This week she practiced 6 days. How many hours did she practice this week?4.) Tracy has 16 math problems to solve. She has solved  $\frac{2}{3}$  of them. How many problems has she solved?5.) Peyton's fish tank holds  $\frac{100}{100}$  of a gallon of water. It is  $\frac{3}{4}$  full. How much water is in it?6.) Elena has a recipe that calls for  $\frac{1}{2}$  cup of flour. She wants to make  $\frac{3}{4}$  of the recipe. How much flour will she need?7.) On Sunday, Mr. Smith's chicken flock had  $\frac{2}{3}$  of the eggs usually hatch. This year only  $\frac{1}{3}$  as many hatched. What fraction of the total eggs did not hatch?8.) Today, Mr. Davis is making  $\frac{1}{4}$  of a quart of grape juice. He gave  $\frac{1}{3}$  of the juice to his neighbor. How much grape juice will his neighbor receive?