Grade: 4   **Category**: Word Problems**:** Fractions and Decimals   **Subcategory**: Multiplying fractions by whole numbers   **Worksheet #**:67Q

Solve the following problems.

1. Anna has 3/4 of a pizza left. If she eats 5 slices, how much pizza is left?

2. In a box, there are 2/3 dozen cookies. How many cookies are there in total?

3. Sarah has 1/2 gallon of juice. If she pours 3 cups, how much juice is left in the gallon?

4. A recipe calls for 3/4 cup of flour. If you want to make 4 batches, how much flour do you need in total?

5. There are 2/5 mile markers on a hiking trail. How many mile markers will there be after hiking 8 miles?

6. A farmer has 3/8 acre of land to plant sunflowers. How many acres of land will be used if he plants sunflowers on 10 fields?

7. Mike earns $6 for every 1/2 hour of work. How much money will he earn after working for 5 hours?

8. In a pet store, 2/3 of the puppies are sold. If there were 15 puppies at the beginning, how many puppies are left?

9. There are 4/5 of a cake left. If the remaining cake is divided into 6 equal pieces, what fraction of the original cake is each piece?

10. A soccer team won 3/4 of their matches this season. If they played 12 matches in total, how many matches did they win?

1. Anna has 3/4 of a pizza left. If she eats 5 slices, how much pizza is left?

   Answer: 3/4 × 5 = 15/4 = 3 3/4

2. In a box, there are 2/3 dozen cookies. How many cookies are there in total?

   Answer: 2/3 × 12 = 8 cookies

3. Sarah has 1/2 gallon of juice. If she pours 3 cups, how much juice is left in the gallon?

   Answer: 1/2 × 3 = 3/2 = 1 1/2 cups

4. A recipe calls for 3/4 cup of flour. If you want to make 4 batches, how much flour do you need in total?

   Answer: 3/4 × 4 = 3 cups

5. There are 2/5 mile markers on a hiking trail. How many mile markers will there be after hiking 8 miles?

   Answer: 2/5 × 8 = 16/5 = 3 1/5

6. A farmer has 3/8 acre of land to plant sunflowers. How many acres of land will be used if he plants sunflowers on 10 fields?

   Answer: 3/8 × 10 = 30/8 = 3 3/4 acres

7. Mike earns $6 for every 1/2 hour of work. How much money will he earn after working for 5 hours?

   Answer: 6 × 5 = $30

8. In a pet store, 2/3 of the puppies are sold. If there were 15 puppies at the beginning, how many puppies are left?

   Answer: 2/3 × 15 = 10 puppies

9. There are 4/5 of a cake left. If the remaining cake is divided into 6 equal pieces, what fraction of the original cake is each piece?**Answer: 4/5 ÷ 6 = 4/5 × 1/6 = 4/30 = 2/15**

10. A soccer team won 3/4 of their matches this season. If they played 12 matches in total, how many matches did they win?

    Answer: 3/4 × 12 = 9 matches