



Name: _____

Multiplying fractions and mixed numbers

Grade 5 Fractions Worksheet

Find the product.

1. $3\frac{2}{8} \times \frac{9}{10} =$ _____

2. $1\frac{1}{3} \times \frac{3}{8} =$ _____

3. $2\frac{4}{10} \times \frac{4}{5} =$ _____

4. $1\frac{2}{4} \times \frac{5}{6} =$ _____

5. $1\frac{4}{12} \times \frac{2}{12} =$ _____

6. $3\frac{1}{8} \times \frac{1}{4} =$ _____

7. $3\frac{2}{3} \times \frac{2}{8} =$ _____

8. $3\frac{1}{4} \times \frac{2}{6} =$ _____

9. $2\frac{1}{2} \times \frac{3}{6} =$ _____

10. $3\frac{1}{6} \times \frac{1}{2} =$ _____

11. $1\frac{4}{6} \times \frac{1}{8} =$ _____

12. $3\frac{6}{12} \times \frac{7}{12} =$ _____

13. $3\frac{1}{5} \times \frac{4}{9} =$ _____

14. $2\frac{1}{2} \times \frac{1}{4} =$ _____



Dividing fractions by fractions

Grade 5 Fractions Worksheet

Find the quotient.

1. $\frac{1}{4} \div \frac{9}{10} =$ _____

2. $\frac{5}{9} \div \frac{1}{2} =$ _____

3. $\frac{1}{3} \div \frac{6}{9} =$ _____

4. $\frac{8}{10} \div \frac{2}{5} =$ _____

5. $\frac{3}{8} \div \frac{7}{8} =$ _____

6. $\frac{2}{5} \div \frac{1}{2} =$ _____

7. $\frac{5}{10} \div \frac{6}{12} =$ _____

8. $\frac{7}{11} \div \frac{1}{6} =$ _____

9. $\frac{5}{6} \div \frac{5}{10} =$ _____

10. $\frac{1}{4} \div \frac{1}{7} =$ _____

Grade 5 Math Word Problems Worksheet

Read and answer each question. Show your work!

Mixed Practice #3

1. You had \$1 million, but then you spent \$999 and then \$22,222. How much money do you have left?

2. Emmy Noether, the Mother of Modern Algebra, was born in 1882. In what year did she celebrate her 25th birthday?

3. I am ordering three books online. The first book costs \$21.95, the second book costs \$4.95, and the third book costs \$5.95. Postage and handling cost \$3.50 no matter how many books I order. Since I don't have to pay sales tax, how much will my total cost be?

4. Many families serve each person in the family one 6-ounce glass of orange juice each morning. If they buy orange juice by the gallon, how many whole servings of juice will they get out of one gallon of juice? (One gallon = 4 quarts, and 1 quart = 32 ounces.)

5. You have \$12 in nickels and quarters. If you have the same number of each kind of coin, how many nickels do you have?

Grade 5 Math Word Problems Worksheet

Read and answer each question. Show your work!

Mixed Practice #4

1. A company donates 935 pencils to a school. The pencils are divided evenly among 9 classrooms. The rest of the pencils are given to the library. How many pencils were donated to the school and to the library?
2. Manny owns 83 sets of basketball cards. Each set has exactly 504 cards. What is the total number of basketball cards Manny owns?
3. The city park is $9\frac{2}{5}$ miles from Roland Elementary School. The city library is $3\frac{3}{10}$ miles from the same school. How much farther from the school is the park than the library?
4. Ginny paid \$4.16 for a sandwich. She paid \$0.95 for a piece of fruit. What is the total amount Ginny paid for the sandwich and fruit?
5. Randa ate $\frac{3}{8}$ of a pizza, and Marvin ate $\frac{1}{4}$ of the same pizza. What fraction of the pizza did Randa and Marvin eat?