

Multiply Divide Fraction Review

NAME _____ DATE _____ PERIOD _____



SCORE _____

Estimate each product.

1. $\frac{1}{9} \times 39$ 1. _____

2. $\frac{10}{11} \times \frac{3}{5}$ 2. _____

3. The average population of a certain city is $4\frac{7}{8}$ million people.
Suppose each person produces an average of $2\frac{2}{9}$ pounds of garbage
each day. About how much garbage would be produced each day? 3. _____

Multiply. Write in simplest form.

4. $8 \times \frac{4}{9}$ 4. _____

5. $\frac{3}{16} \times \frac{5}{12}$ 5. _____

6. $\frac{3}{7} \times 2\frac{5}{8}$ 6. _____

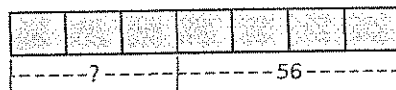
7. A container holds $\frac{1}{4}$ gallon of oil. Jonathan is changing the oil on his
car and needs 5 containers. How many gallons of oil does Jonathan
need? 7. _____

8. Renee spent $\frac{1}{8}$ of the day landscaping around the house. She spent $\frac{1}{2}$
of that time pulling weeds. What fraction of the day did Renee spend
pulling weeds? 8. _____

9. A quilt measures $4\frac{2}{3}$ feet by 6 feet. What is the area of the quilt? 9. _____

10. A recipe make $5\frac{1}{2}$ dozen cookies. Marquis needs to make $3\frac{3}{4}$ times
this amount. How many dozens of cookies will he make? 10. _____

11. Use the *draw a diagram* strategy to solve. Elvin read $\frac{3}{7}$ of the pages
in his book. He has 56 pages left to read. How many pages has he
read already? 11. _____



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Divide. Write in simplest form.

12. $5 \div \frac{1}{7}$

12. _____

13. $\frac{1}{2} \div \frac{5}{9}$

13. _____

14. $\frac{2}{3} \div \frac{5}{7}$

14. _____

15. $\frac{7}{9} \div 5\frac{4}{9}$

15. _____

Solve each problem. Write in simplest form.

16. The pilot on the flight that Katelyn was on announced that they were flying at 29,040 feet. Was Katelyn over 6 miles above the ground? Explain.

16. _____

17. Spencer spent 4 hours doing chores over the weekend. If he spent $\frac{2}{3}$ of an hour for each chore, how many chores did he do?

17. _____

18. Duane bought $68\frac{3}{4}$ inches of chain for an art project. How many 15-inch chains can he make from it?

18. _____

19. A cooler contains $13\frac{1}{2}$ cups of fruit juice. How many pints of fruit juice does the cooler contain?

19. _____

20. Mrs. Franks has 45 pounds of grain to divide among the farm animals. If each animal receives $\frac{3}{4}$ pound of grain for each feeding, how many times can Mrs. Franks feed her animals?

20. _____

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