

# Dividing Fractions Practice – Answer Key

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Find the answer for each of the following.

1.  $3 \div \frac{3}{4} = 4$

2.  $1 \div \frac{5}{8} = 1\frac{3}{5}$

3.  $6 \div \frac{1}{2} = 12$

4.  $9 \div \frac{3}{16} = 48$

5.  $5 \div \frac{1}{8} = 40$

6.  $\frac{1}{2} \div 3 = \frac{1}{6}$

7.  $\frac{2}{3} \div 8 = \frac{1}{12}$

$$8. \quad \frac{3}{16} \div 2 = \frac{3}{32}$$

$$9. \quad \frac{7}{8} \div 4 = \frac{7}{32}$$

$$10. \quad \frac{3}{4} \div 5 = \frac{3}{20}$$

$$11. \quad 1\frac{1}{2} \div \frac{3}{4} = 2$$

$$12. \quad \frac{1}{2} \div \frac{1}{8} = 4$$

$$13. \quad \frac{1}{8} \div \frac{1}{2} = \frac{1}{4}$$

$$14. \quad 2\frac{1}{3} \div \frac{3}{16} = 12\frac{4}{9}$$

$$15. \quad \frac{3}{16} \div \frac{5}{8} = \frac{3}{10}$$



**For each of the following, write out the numbers and find the answer.**

16. You are putting a strip of accent tiles in your kitchen backsplash. The total length of the backsplash is  $24\frac{1}{2}$  feet. Each tile plus space for grout is a total of  $6\frac{1}{8}$  inches long. How many accent tiles will you use for your project? 48

17. One side of a floor cabinet needs to be shimmed up a  $\frac{1}{2}$  inch to make it level. If each shim is  $\frac{1}{8}$  inch thick, how many shims will be needed? 4

18. You are building a staircase. The distance from the first floor to the second floor is  $99\frac{3}{4}$  inches. The rise of each stair is  $7\frac{1}{8}$  inches. How many steps will the staircase have? 14

19. You have a 2x4 that is  $11\frac{1}{4}$  feet long. If you cut it into 5 equal lengths, how many feet is each piece?  $2\frac{1}{4}$

20. You and three other people are painting a room. There are  $3\frac{1}{4}$  gallons of paint available. If everyone gets the same amount, how many gallons of paint will each of you have?  $\frac{13}{16}$