Dividing Fractions Practice

Find the answer for each of the following.

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

2. $1 \div \dfrac{5}{8} =$

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

4. $9 \div \dfrac{3}{16} =$

5. $5 \div \dfrac{1}{8} =$

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

7. $\dfrac{2}{3} \div 8 =$

Oregon Tradeswomen, Inc.

8. $\dfrac{3}{16} \div 2 =$

9. $\dfrac{7}{8} \div 4 =$

10. $\dfrac{3}{4} \div 5 =$

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

12. $\dfrac{1}{2} \div \dfrac{1}{8} =$

13. $\dfrac{1}{8} \div \dfrac{1}{2} =$

14. $2\dfrac{1}{3} \div \dfrac{3}{16} =$

15. $\dfrac{3}{16} \div \dfrac{5}{8} =$

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?

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?

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?

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?

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?