

# DIVIDING FRACTIONS

# ANSWERS

FIND THE RECIPROCAL OF EACH NUMBER.

1.  $\frac{1}{5} \rightarrow 5$       2.  $\frac{3}{4} \rightarrow \frac{4}{3}$       3.  $\frac{6}{7} \rightarrow \frac{7}{6}$       4.  $12 \rightarrow \frac{1}{12}$       5.  $\frac{5}{9} \rightarrow \frac{9}{5}$

6.  $8 \rightarrow \frac{1}{8}$       7.  $\frac{1}{3} \rightarrow 3$       8.  $1 \rightarrow \frac{1}{1}$       9.  $\frac{4}{5} \rightarrow \frac{5}{4}$       10.  $\frac{1}{6} \rightarrow 6$

DIVIDE. WRITE IN SIMPLEST FORM.

11.  $\frac{1}{2} \div \frac{1}{4}$   
 $\frac{1}{2} \times \frac{4}{1} = 2$   
RECIPROCAL

12.  $\frac{4}{5} \div \frac{1}{2}$   
 $1 \frac{3}{5}$

13.  $\frac{1}{3} \div \frac{1}{5}$   
 $1 \frac{2}{3}$

14.  $\frac{3}{7} \div 3$   
 $\frac{1}{7}$

15.  $\frac{3}{4} \div \frac{6}{7}$   
 $\frac{7}{8}$

16.  $\frac{2}{9} \div \frac{1}{3}$   
 $\frac{2}{3}$

17.  $10 \div \frac{2}{5}$   
 $25$

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

19.  $\frac{4}{9} \div 8$   
 $\frac{1}{18}$

20.  $\frac{2}{3} \div \frac{2}{5}$   
 $1 \frac{2}{3}$

21.  $\frac{3}{8} \div \frac{1}{4}$   
 $1 \frac{1}{2}$

22.  $\frac{3}{5} \div \frac{5}{6}$   
 $\frac{18}{25}$

23.  $\frac{6}{13} \div \frac{3}{11}$   
 $1 \frac{9}{13}$

24.  $14 \div \frac{7}{9}$   
 $18$

25.  $\frac{4}{15} \div 16$   
 $\frac{1}{60}$

26.  $\frac{3}{10} \div \frac{9}{25}$   
 $\frac{5}{6}$

27.  $2 \div \frac{1}{6}$   
 $12$

28.  $\frac{5}{8} \div \frac{2}{3}$   
 $\frac{15}{16}$

29.  $\frac{5}{12} \div \frac{11}{20}$   
 $\frac{25}{33}$

30.  $\frac{2}{7} \div \frac{1}{4}$   
 $1 \frac{1}{7}$

31.  $\frac{4}{5} \div \frac{13}{20}$   
 $1 \frac{3}{13}$

32.  $\frac{13}{24} \div 4$   
 $\frac{13}{96}$

33.  $\frac{1}{9} \div \frac{17}{18}$   
 $\frac{2}{17}$

34.  $15 \div \frac{11}{15}$   
 $20 \frac{5}{11}$