

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. $\frac{1}{2} \div \frac{1}{4} = 2$ (Note: A diagram shows the reciprocal of $\frac{1}{4}$ is 4 , and $\frac{1}{2} \times 4 = 2$)
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. $15 \div \frac{11}{15} = 20 \frac{5}{11}$