

# Dividing Fractions

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

$$= \frac{8}{1} \div \frac{3}{4}$$

$$= \frac{8}{1} \times \frac{4}{3}$$

$$= \frac{32}{3}$$

$$= 10 \frac{2}{3}$$

$$7. 6 \div \frac{5}{8}$$

$$= \frac{6}{1} \div \frac{5}{8}$$

$$= \frac{6}{1} \times \frac{8}{5}$$

$$= \frac{48}{5}$$

$$= 9 \frac{3}{5}$$

$$8. 7 \div \frac{2}{3}$$

$$= \frac{7}{1} \div \frac{2}{3}$$

$$= \frac{7}{1} \times \frac{3}{2}$$

$$= \frac{21}{2}$$

$$= 10 \frac{1}{2}$$

$$9. 5 \div \frac{3}{10}$$

$$= \frac{5}{1} \div \frac{3}{10}$$

$$= \frac{5}{1} \times \frac{10}{3}$$

$$= \frac{50}{3}$$

$$= 16 \frac{2}{3}$$

$$10. 4 \div \frac{7}{10}$$

$$= \frac{4}{1} \div \frac{7}{10}$$

$$= \frac{4}{1} \times \frac{10}{7}$$

$$= \frac{40}{7}$$

$$= 5 \frac{5}{7}$$

$$11. \frac{2}{3} \div \frac{5}{9}$$

$$= \frac{2}{3} \times \frac{9}{5}$$

$$= \frac{18}{15}$$

$$= 1 \frac{3}{15}$$

$$= 1 \frac{1}{5}$$

$$12. \frac{4}{7} \div \frac{8}{11}$$

$$= \frac{4}{7} \times \frac{11}{8}$$

$$= \frac{11}{14}$$

$$13. \frac{3}{4} \div \frac{6}{7}$$

$$= \frac{3}{4} \times \frac{7}{6}$$

$$= \frac{7}{8}$$

$$C. 14. \quad \frac{5}{9} \div \frac{2}{3}$$

$$= \frac{5}{9} \times \frac{3}{2}$$

$$= \frac{5}{6}$$

$$15. \quad \frac{5}{8} \div \frac{13}{16}$$

$$= \frac{5}{8} \times \frac{16}{13}$$

$$= \frac{10}{13}$$

$$21. \quad \frac{4}{5} \div \frac{8}{15}$$

$$= \frac{4}{5} \times \frac{15}{8}$$

$$= \frac{3}{2}$$

$$= 1\frac{1}{2}$$

$$22. \quad \frac{3}{4} \div \frac{9}{20}$$

$$= \frac{3}{4} \times \frac{20}{9}$$

$$= \frac{5}{3}$$

$$= 1\frac{2}{3}$$

$$23. \quad \frac{8}{9} \div \frac{2}{3}$$

$$= \frac{8}{9} \times \frac{3}{2}$$

$$= \frac{4}{3}$$

$$= 1\frac{1}{3}$$

$$24. \quad \frac{20}{35} \div \frac{5}{6}$$

$$= \frac{20}{35} \times \frac{6}{5}$$

$$= \frac{24}{35}$$

$$25. \quad \frac{3}{4} \div \frac{21}{40}$$

$$= \frac{3}{4} \times \frac{40}{21}$$

$$= \frac{10}{7}$$

$$= 1\frac{3}{7}$$

$$D 24. \quad 1\frac{3}{5} \div 2\frac{7}{10}$$

$$= \frac{8}{5} \div \frac{27}{10}$$

$$= \frac{8}{5} \times \frac{10}{27}$$

$$= \frac{16}{27}$$

$$28. \quad 12\frac{1}{2} \div 4\frac{3}{8}$$

$$= \frac{25}{2} \div \frac{35}{8}$$

$$= \frac{25}{2} \times \frac{8}{35}$$

$$= \frac{20}{7}$$

$$= 2\frac{6}{7}$$

$$32. \quad 3\frac{1}{7} \div 1\frac{5}{21}$$

$$= \frac{22}{7} \div \frac{26}{21}$$

$$= \frac{22}{7} \times \frac{21}{26}$$

$$= \frac{55}{13}$$