

Dividing Fractions – Practice Set 1

Instructions: Rewrite as multiplication by the reciprocal, then *simplify*.

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

$$\frac{5}{6} \div \frac{5}{12} =$$

$$\frac{3}{4} \div \frac{9}{8} =$$

$$\frac{7}{8} \div \frac{7}{16} =$$

$$\frac{3}{5} \div \frac{6}{10} =$$

$$\frac{4}{9} \div \frac{2}{3} =$$

$$\frac{5}{12} \div \frac{5}{6} =$$

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

$$\frac{1}{2} \div \frac{3}{4} =$$

$$\frac{2}{7} \div \frac{1}{14} =$$

$$\frac{3}{8} \div \frac{9}{16} =$$

$$\frac{4}{5} \div \frac{2}{15} =$$

$$\frac{6}{7} \div \frac{3}{14} =$$

$$\frac{8}{9} \div \frac{4}{27} =$$

$$\frac{10}{11} \div \frac{5}{22} =$$

$$\frac{9}{12} \div \frac{3}{8} =$$

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

$$\frac{7}{10} \div \frac{7}{5} =$$

$$\frac{4}{11} \div \frac{2}{11} =$$

$$\frac{3}{7} \div \frac{9}{14} =$$

$$\frac{8}{15} \div \frac{2}{3} =$$

$$\frac{5}{8} \div \frac{1}{4} =$$

$$\frac{7}{12} \div \frac{7}{6} =$$

$$\frac{2}{9} \div \frac{1}{3} =$$

$$\frac{11}{12} \div \frac{11}{6} =$$

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

$$\frac{4}{7} \div \frac{8}{21} =$$

$$\frac{5}{6} \div \frac{25}{18} =$$

Dividing Fractions – Practice Set 2**Instructions:** Keep–Change–Flip, then reduce to lowest terms.

$$\frac{7}{9} \div \frac{7}{3} =$$

$$\frac{4}{5} \div \frac{1}{10} =$$

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

$$\frac{5}{12} \div \frac{5}{9} =$$

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

$$\frac{6}{7} \div \frac{3}{14} =$$

$$\frac{5}{6} \div \frac{5}{18} =$$

$$\frac{9}{10} \div \frac{3}{2} =$$

$$\frac{3}{11} \div \frac{3}{22} =$$

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

$$\frac{7}{8} \div \frac{7}{16} =$$

$$\frac{5}{9} \div \frac{1}{3} =$$

$$\frac{4}{7} \div \frac{2}{21} =$$

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

$$\frac{10}{12} \div \frac{5}{6} =$$

$$\frac{6}{11} \div \frac{3}{22} =$$

$$\frac{2}{5} \div \frac{4}{25} =$$

$$\frac{7}{12} \div \frac{7}{6} =$$

$$\frac{5}{8} \div \frac{2}{9} =$$

$$\frac{9}{14} \div \frac{3}{7} =$$

$$\frac{4}{9} \div \frac{1}{3} =$$

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

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

$$\frac{11}{12} \div \frac{11}{4} =$$

$$\frac{5}{7} \div \frac{5}{21} =$$

$$\frac{2}{9} \div \frac{2}{3} =$$

$$\frac{7}{10} \div \frac{1}{5} =$$

$$\frac{5}{6} \div \frac{1}{12} =$$

Dividing Fractions – Practice Set 3**Instructions:** Convert to multiplication by the reciprocal; simplify.

$$\frac{2}{7} \div \frac{1}{14} =$$

$$\frac{5}{6} \div \frac{10}{9} =$$

$$\frac{7}{9} \div \frac{7}{3} =$$

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

$$\frac{4}{11} \div \frac{4}{22} =$$

$$\frac{6}{7} \div \frac{2}{21} =$$

$$\frac{8}{9} \div \frac{4}{3} =$$

$$\frac{5}{12} \div \frac{1}{6} =$$

$$\frac{7}{8} \div \frac{7}{4} =$$

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

$$\frac{3}{4} \div \frac{9}{8} =$$

$$\frac{2}{3} \div \frac{1}{9} =$$

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

$$\frac{4}{5} \div \frac{2}{15} =$$

$$\frac{6}{11} \div \frac{3}{22} =$$

$$\frac{8}{15} \div \frac{2}{3} =$$

$$\frac{10}{11} \div \frac{5}{22} =$$

$$\frac{12}{13} \div \frac{4}{13} =$$

$$\frac{7}{12} \div \frac{7}{6} =$$

$$\frac{9}{16} \div \frac{3}{8} =$$

$$\frac{3}{8} \div \frac{3}{16} =$$

$$\frac{5}{7} \div \frac{10}{21} =$$

$$\frac{4}{9} \div \frac{2}{3} =$$

$$\frac{11}{12} \div \frac{11}{6} =$$

$$\frac{2}{5} \div \frac{2}{25} =$$

$$\frac{7}{10} \div \frac{7}{5} =$$

$$\frac{9}{14} \div \frac{9}{7} =$$

$$\frac{5}{6} \div \frac{15}{18} =$$

Dividing Fractions – Practice Set 4**Instructions:** Show your reciprocal step and any cross-cancellation.

$$\frac{3}{4} \div \frac{3}{12} =$$

$$\frac{5}{8} \div \frac{5}{16} =$$

$$\frac{7}{12} \div \frac{7}{18} =$$

$$\frac{9}{10} \div \frac{3}{2} =$$

$$\frac{2}{9} \div \frac{1}{3} =$$

$$\frac{4}{7} \div \frac{2}{21} =$$

$$\frac{5}{6} \div \frac{5}{3} =$$

$$\frac{8}{9} \div \frac{4}{27} =$$

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

$$\frac{7}{8} \div \frac{7}{4} =$$

$$\frac{5}{12} \div \frac{10}{9} =$$

$$\frac{6}{11} \div \frac{2}{11} =$$

$$\frac{4}{9} \div \frac{1}{3} =$$

$$\frac{5}{7} \div \frac{5}{21} =$$

$$\frac{3}{8} \div \frac{3}{16} =$$

$$\frac{10}{11} \div \frac{5}{22} =$$

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

$$\frac{9}{14} \div \frac{3}{7} =$$

$$\frac{11}{12} \div \frac{11}{4} =$$

$$\frac{12}{13} \div \frac{3}{13} =$$

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

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

$$\frac{4}{5} \div \frac{4}{25} =$$

$$\frac{7}{9} \div \frac{7}{3} =$$

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

$$\frac{6}{7} \div \frac{6}{14} =$$

$$\frac{7}{10} \div \frac{7}{5} =$$

$$\frac{8}{11} \div \frac{4}{11} =$$

Dividing Fractions – Practice Set 5**Instructions:** Divide and simplify. Convert improper results to mixed numbers as needed.

$$\frac{7}{9} \div \frac{7}{3} =$$

$$\frac{5}{6} \div \frac{5}{12} =$$

$$\frac{4}{7} \div \frac{2}{21} =$$

$$\frac{3}{8} \div \frac{3}{16} =$$

$$\frac{9}{10} \div \frac{9}{5} =$$

$$\frac{8}{9} \div \frac{4}{27} =$$

$$\frac{7}{8} \div \frac{7}{16} =$$

$$\frac{5}{12} \div \frac{5}{6} =$$

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

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

$$\frac{4}{9} \div \frac{2}{3} =$$

$$\frac{6}{11} \div \frac{3}{22} =$$

$$\frac{5}{7} \div \frac{10}{21} =$$

$$\frac{8}{15} \div \frac{2}{3} =$$

$$\frac{10}{11} \div \frac{5}{22} =$$

$$\frac{12}{13} \div \frac{6}{13} =$$

$$\frac{3}{4} \div \frac{9}{8} =$$

$$\frac{5}{8} \div \frac{1}{4} =$$

$$\frac{7}{12} \div \frac{7}{6} =$$

$$\frac{9}{16} \div \frac{3}{8} =$$

$$\frac{2}{5} \div \frac{2}{25} =$$

$$\frac{3}{11} \div \frac{3}{22} =$$

$$\frac{4}{5} \div \frac{4}{15} =$$

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

$$\frac{6}{7} \div \frac{3}{14} =$$

$$\frac{7}{10} \div \frac{7}{5} =$$

$$\frac{8}{11} \div \frac{8}{22} =$$

$$\frac{9}{12} \div \frac{3}{4} =$$