



DIVIDING MIXED FRACTIONS SHEET 2

Example 1 $2 \frac{3}{4} \div 1 \frac{2}{5} = \frac{11}{4} \div \frac{7}{5} = \frac{11}{4} \times \frac{5}{7} = \frac{55}{28}$

Example 2 $1 \frac{2}{5} \div 4 = \frac{7}{5} \div \frac{4}{1} = \frac{7}{5} \times \frac{1}{4} = \frac{7}{20}$

Work out these fraction divisions. Your answer can be left as an improper fraction and does not need to be in simplest form.

1) $1 \frac{2}{3} \div \frac{1}{4} = \frac{5}{3} \times \frac{4}{1} = \underline{\hspace{2cm}}$ 2) $2 \frac{1}{4} \div \frac{2}{3} = \frac{\hspace{1cm}}{4} \times \frac{3}{2} = \underline{\hspace{2cm}}$

3) $2 \frac{3}{5} \div 5 = \frac{\hspace{1cm}}{5} \times \frac{1}{5} = \underline{\hspace{2cm}}$ 4) $2 \frac{2}{3} \div \frac{3}{4} = \frac{\hspace{1cm}}{3} \times \frac{\hspace{1cm}}{3} = \underline{\hspace{2cm}}$

5) $3 \frac{2}{3} \div \frac{5}{8} = \frac{\hspace{1cm}}{\hspace{1cm}} \times \frac{\hspace{1cm}}{\hspace{1cm}} = \underline{\hspace{2cm}}$ 6) $4 \frac{2}{5} \div 3 = \frac{\hspace{1cm}}{\hspace{1cm}} \times \frac{\hspace{1cm}}{\hspace{1cm}} = \underline{\hspace{2cm}}$

7) $1 \frac{3}{5} \div \frac{3}{7} = \frac{\hspace{1cm}}{\hspace{1cm}} \times \frac{\hspace{1cm}}{\hspace{1cm}} = \underline{\hspace{2cm}}$ 8) $2 \frac{1}{3} \div 1 \frac{1}{2} = \frac{\hspace{1cm}}{\hspace{1cm}} \times \frac{\hspace{1cm}}{\hspace{1cm}} = \underline{\hspace{2cm}}$

9) $3 \frac{1}{4} \div 1 \frac{2}{3} = \frac{\hspace{1cm}}{\hspace{1cm}} \times \frac{\hspace{1cm}}{\hspace{1cm}} = \underline{\hspace{2cm}}$ 10) $4 \frac{1}{2} \div 1 \frac{3}{5} = \frac{\hspace{1cm}}{\hspace{1cm}} \times \frac{\hspace{1cm}}{\hspace{1cm}} = \underline{\hspace{2cm}}$

11) $2 \frac{1}{5} \div 2 \frac{1}{2} = \frac{\hspace{1cm}}{\hspace{1cm}} \times \frac{\hspace{1cm}}{\hspace{1cm}} = \underline{\hspace{2cm}}$ 12) $5 \frac{1}{2} \div 2 \frac{1}{3} = \frac{\hspace{1cm}}{\hspace{1cm}} \times \frac{\hspace{1cm}}{\hspace{1cm}} = \underline{\hspace{2cm}}$

13) $3 \frac{2}{3} \div \frac{4}{5} = \frac{\hspace{1cm}}{\hspace{1cm}} \times \frac{\hspace{1cm}}{\hspace{1cm}} = \underline{\hspace{2cm}}$ 14) $6 \frac{2}{3} \div 1 \frac{4}{5} = \frac{\hspace{1cm}}{\hspace{1cm}} \times \frac{\hspace{1cm}}{\hspace{1cm}} = \underline{\hspace{2cm}}$

15) $1 \frac{5}{6} \div 2 \frac{2}{5} = \frac{\hspace{1cm}}{\hspace{1cm}} \times \frac{\hspace{1cm}}{\hspace{1cm}} = \underline{\hspace{2cm}}$ 16) $3 \frac{1}{4} \div 1 \frac{4}{7} = \frac{\hspace{1cm}}{\hspace{1cm}} \times \frac{\hspace{1cm}}{\hspace{1cm}} = \underline{\hspace{2cm}}$

Name

Date



DIVIDING MIXED FRACTIONS SHEET 2 ANSWERS

$$1) 1\frac{2}{3} \div \frac{1}{4} = \frac{5}{3} \times \frac{4}{1} = \frac{20}{3} \quad 2) 2\frac{1}{4} \div \frac{2}{3} = \frac{9}{4} \times \frac{3}{2} = \frac{27}{8}$$

$$3) 2\frac{3}{5} \div 5 = \frac{13}{5} \times \frac{1}{5} = \frac{13}{25} \quad 4) 2\frac{2}{3} \div \frac{3}{4} = \frac{8}{3} \times \frac{4}{3} = \frac{32}{9}$$

$$5) 3\frac{2}{3} \div \frac{5}{8} = \frac{11}{3} \times \frac{8}{5} = \frac{88}{15} \quad 6) 4\frac{2}{5} \div 3 = \frac{22}{5} \times \frac{1}{3} = \frac{22}{15}$$

$$7) 1\frac{3}{5} \div \frac{3}{7} = \frac{8}{5} \times \frac{7}{3} = \frac{56}{15} \quad 8) 2\frac{1}{3} \div 1\frac{1}{2} = \frac{7}{3} \times \frac{2}{3} = \frac{14}{9}$$

$$9) 3\frac{1}{4} \div 1\frac{2}{3} = \frac{13}{4} \times \frac{3}{5} = \frac{39}{20} \quad 10) 4\frac{1}{2} \div 1\frac{3}{5} = \frac{9}{2} \times \frac{5}{8} = \frac{45}{16}$$

$$11) 2\frac{1}{5} \div 2\frac{1}{2} = \frac{11}{5} \times \frac{2}{5} = \frac{22}{25} \quad 12) 5\frac{1}{2} \div 2\frac{1}{3} = \frac{11}{2} \times \frac{3}{7} = \frac{33}{14}$$

$$13) 3\frac{2}{3} \div \frac{4}{5} = \frac{11}{3} \times \frac{5}{4} = \frac{55}{12} \quad 14) 6\frac{2}{3} \div 1\frac{4}{5} = \frac{20}{3} \times \frac{5}{9} = \frac{100}{27}$$

$$15) 1\frac{5}{6} \div 2\frac{2}{5} = \frac{11}{6} \times \frac{5}{12} = \frac{55}{72} \quad 16) 3\frac{1}{4} \div 1\frac{4}{7} = \frac{13}{4} \times \frac{7}{11} = \frac{91}{44}$$