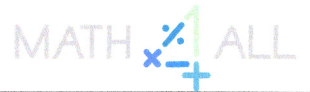


# Fractions 08: Dividing Fractions Worksheet Answers

Name \_\_\_\_\_



3 word saying for dividing fractions:

copy dot flip !

Divide: Write answer in simplest terms

$$\frac{18}{25} \div \frac{3}{5} = \frac{6}{5} = 1\frac{1}{5}$$

*Handwritten work:  $\frac{6}{5} \cdot \frac{5}{3} = \frac{30}{15} = 2$*

$$\frac{14}{15} \div \frac{7}{25} = \frac{10}{3} = 3\frac{1}{3}$$

*Handwritten work:  $\frac{21}{15} \cdot \frac{25}{7} = \frac{525}{105} = 5$*

$$\frac{9}{14} \div \frac{3}{8} = 1\frac{5}{7}$$

*Handwritten work:  $\frac{39}{14} \cdot \frac{8}{3} = \frac{312}{42} = 12\frac{4}{7} = 13\frac{1}{7}$*

$$20 \div \frac{5}{7} = 28$$

*Handwritten work:  $\frac{420}{1} \cdot \frac{7}{5} = 588$*

$$12 \div \frac{4}{9} = 27$$

*Handwritten work:  $\frac{312}{1} \cdot \frac{9}{4} = 702$*

$$32 \div \frac{8}{11} = 44$$

*Handwritten work:  $\frac{432}{1} \cdot \frac{11}{8} = 594$*

$$4\frac{2}{7} \div \frac{10}{11} = 4\frac{5}{7}$$

*Handwritten work:  $\frac{30}{7} \cdot \frac{11}{10} = \frac{33}{7}$*

$$5\frac{2}{5} \div 2\frac{4}{7} = 2\frac{1}{10}$$

*Handwritten work:  $\frac{27}{5} \cdot \frac{7}{18} = \frac{189}{90} = 2\frac{1}{10}$*

$$7\frac{1}{2} \div \frac{3}{5} = 12\frac{1}{2}$$

*Handwritten work:  $\frac{518}{2} \cdot \frac{5}{3} = \frac{2590}{6} = 431\frac{5}{6}$*

$$7\frac{3}{7} \div \frac{3}{11} = 26\frac{5}{7}$$

*Handwritten work:  $\frac{51}{7} \cdot \frac{11}{3} = \frac{561}{7}$*

$$10\frac{2}{3} \div \frac{8}{9} = 12$$

*Handwritten work:  $\frac{324}{3} \cdot \frac{9}{8} = 378$*

$$11\frac{2}{3} \div \frac{5}{7} = 16\frac{1}{3}$$

*Handwritten work:  $\frac{735}{3} \cdot \frac{7}{5} = \frac{5145}{15} = 343$*

*Handwritten multiplication:*

$$\begin{array}{r} \times 17 \\ 11 \\ \hline 17 \\ 170 \\ \hline 187 \end{array}$$

$$\begin{array}{r} 26r5 \\ 7 \overline{) 187} \\ \underline{14} \phantom{0} \\ 47 \\ \underline{-42} \\ 5 \end{array}$$

*Handwritten long division:*

$$\begin{array}{r} 16r1 \\ 3 \overline{) 5145} \\ \underline{31} \phantom{00} \\ 2049 \\ \underline{-18} \phantom{0} \\ 19 \\ \underline{-18} \\ 1 \end{array}$$