

Name: _____

Dividing Fractions and Mixed Numbers

Example:

$$2\frac{2}{3} \div 1\frac{1}{2} = \frac{8}{3} \div \frac{3}{2}$$

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

Dividing by a number is the same as multiplying by its reciprocal.

↑ reciprocals ↓

$$\frac{8}{3} \times \frac{2}{3} = \frac{16}{9} = 1\frac{7}{9}$$

a. $4\frac{1}{3} \div 1\frac{1}{3}$

b. $5\frac{5}{6} \div \frac{2}{3}$

c. $2\frac{3}{4} \div \frac{1}{2}$

d. $1\frac{6}{7} \div 2\frac{3}{4}$

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

f. $5\frac{4}{5} \div \frac{7}{8}$

g. $12 \div \frac{3}{8}$

h. $4\frac{1}{2} \div 1\frac{4}{5}$

i. $3\frac{7}{8} \div \frac{6}{7}$