

Dividing with Fractions

1. Find each quotient.

$$a) 2 \div \frac{1}{3} \quad b) \frac{11}{3} \div 2 \quad c) \frac{3}{2} \div \frac{5}{6}$$

$$d) 7 \div \frac{3}{2} \quad e) \frac{11}{6} \div \frac{10}{3} \quad f) \frac{2}{3} \div \frac{14}{5}$$

$$g) \frac{11}{6} \div \frac{22}{3} \div \frac{10}{9} \quad h) \frac{17}{8} \div 34 \div 6$$

Dividing with Fractions

1. Find each quotient.

a) $2 \div \frac{1}{3}$

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

$$\boxed{6}$$

b) $\frac{11}{3} \div 2$

$$\frac{11}{3} \cdot \frac{1}{2}$$

$$\boxed{\frac{11}{6}}$$

c) $\frac{3}{2} \div \frac{5}{6}$

$$\frac{3}{2} \cdot \frac{6}{5}$$

$$\boxed{\frac{9}{5}}$$

d) $7 \div \frac{3}{2}$

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

$$7 \cdot \frac{2}{3}$$

$$\boxed{\frac{14}{3}}$$

e) $\frac{11}{6} \div \frac{10}{3}$

$$\frac{11}{6} \cdot \frac{3}{10}$$

$$\boxed{\frac{11}{20}}$$

f) $\frac{2}{3} \div \frac{14}{5}$

$$\frac{2}{3} \cdot \frac{5}{14}$$

$$\boxed{\frac{5}{21}}$$

g) $\frac{11}{6} \div \frac{22}{3} \div \frac{10}{9}$

$$\frac{11}{6} \cdot \frac{3}{22} \cdot \frac{9}{10}$$

$$\boxed{\frac{9}{40}}$$

h) $\frac{17}{8} \div 34 \div 6$

$$\frac{17}{8} \cdot \frac{1}{34} \cdot \frac{1}{6}$$

$$\boxed{\frac{1}{96}}$$