



## Dividing Fractions

1a)  $6 \div 2$

1b)  $12 \div 4$

1c)  $24 \div 8$

1d)  $48 \div 16$

1e)  $60 \div 20$

1f)  $120 \div 40$

1g)  $2.4 \div 0.8$

1h)  $0.48 \div 0.16$

2) What conclusions can you make using your answers to question 1?

3) Use your conclusions from question 2 to help answer these questions:

a)  $4 \div 0.5$

b)  $4 \div 0.25$

c)  $4 \div 0.1$

d)  $4 \div 0.2$

4) Dividing by 1 is relatively straightforward. What would you multiply these fractions by to make 1?

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

b)  $\frac{1}{4}$

c)  $\frac{1}{10}$

d)  $\frac{1}{5}$

5) Use a combination of questions 2 to 4 to help you answer these:

a)  $4 \div \frac{1}{2}$

b)  $4 \div \frac{1}{4}$

c)  $4 \div \frac{1}{10}$

d)  $4 \div \frac{1}{5}$

6) Using the ideas from question 5, can you solve these questions:

a)  $\frac{3}{4} \div \frac{1}{2}$

b)  $\frac{2}{5} \div \frac{1}{4}$

c)  $\frac{1}{2} \div \frac{1}{10}$

d)  $\frac{4}{7} \div \frac{1}{5}$

7) Calculate (can you spot any connections in each row of four questions)

a)  $\frac{1}{5} \div \frac{3}{4}$

b)  $\frac{2}{10} \div \frac{3}{4}$

c)  $\frac{1}{10} \div \frac{3}{4}$

d)  $\frac{4}{10} \div \frac{3}{4}$

e)  $\frac{4}{5} \div \frac{4}{12}$

f)  $\frac{4}{5} \div \frac{8}{12}$

g)  $\frac{4}{5} \div \frac{2}{12}$

h)  $\frac{4}{5} \div \frac{1}{12}$

i)  $\frac{3}{5} \div \frac{4}{9}$

j)  $\frac{6}{5} \div \frac{4}{9}$

k)  $1\frac{1}{5} \div \frac{4}{9}$

l)  $3\frac{3}{5} \div 1\frac{1}{3}$