



# Family Trees

I can use the short written method for division (two-digit numbers).



## 1. Complete the Fact Family Trees.

a.

$4 \times 6 = 24$

$24 \div 6 =$

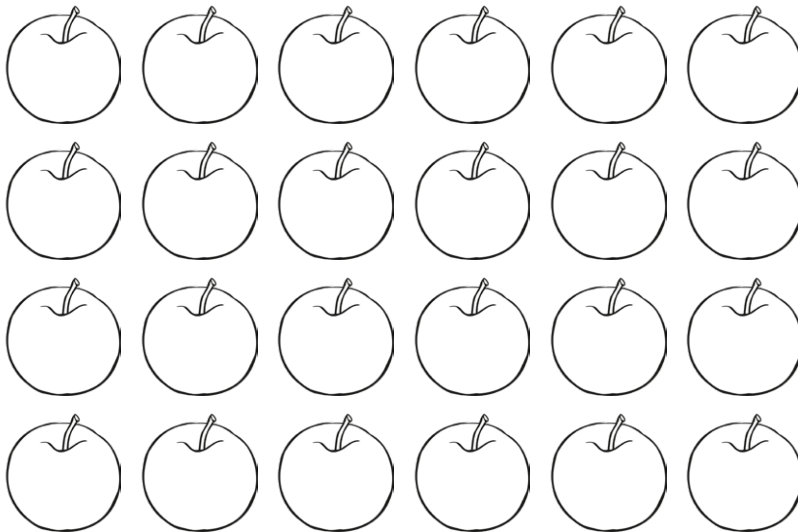
$\times$

$\div$

$6 \times = 24$

$\div 4 = 6$

$$6 \times 4 =$$

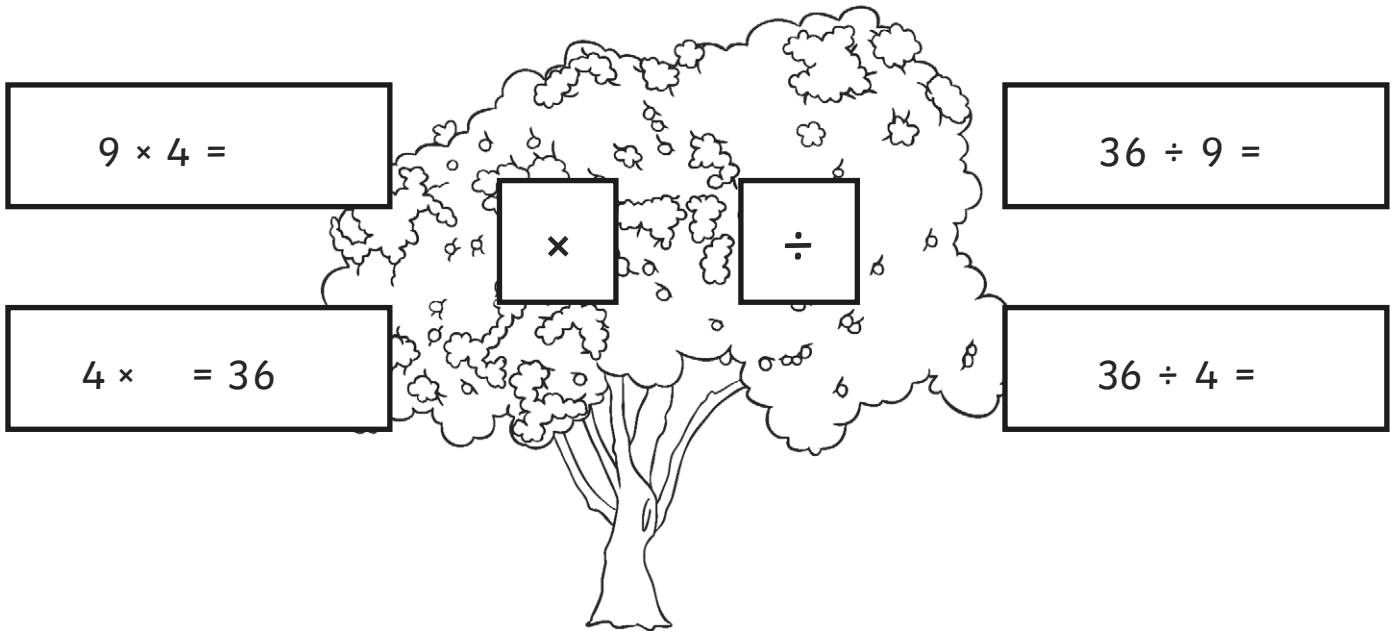


$$\times 6 = 24$$

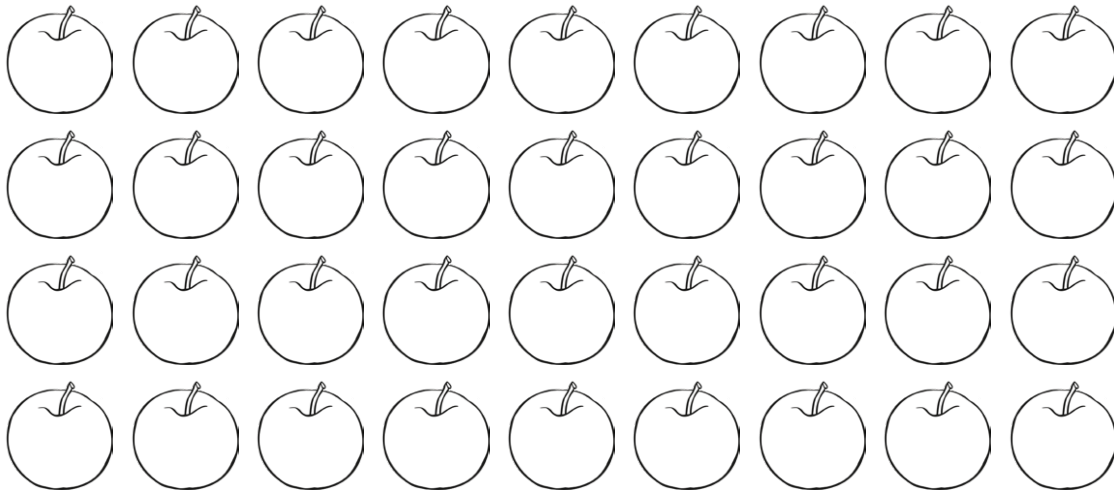


# Family Trees

b.



$9 \times 4 =$



$\times 9 = 36$



# Family Trees

c.

$3 \times 6 =$

$18 \div 6 =$

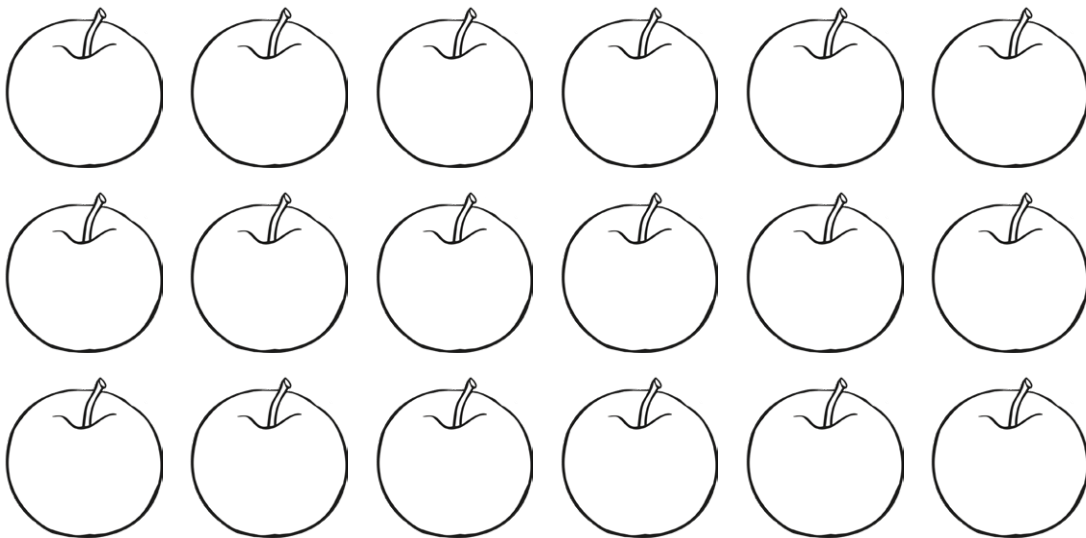
$\times$

$\div$

$\times = 18$

$18 \div = 6$

$3 \times 6 =$



$\times 3 = 18$



# Written Method for Division

2. Now use the facts you know to work out the answers to these.

a.  $4 \times 6 = 24$  so  $40 \times 6 =$  \_\_\_\_\_ and  $4 \times 60 =$  \_\_\_\_\_

b.  $24 \div 6 = 4$  so  $240 \div 6 =$  \_\_\_\_\_ and  $240 \div 4 =$  \_\_\_\_\_

c.  $9 \times 4 = 36$  so  $90 \times 4 =$  \_\_\_\_\_ and  $9 \times 40 =$  \_\_\_\_\_

d.  $36 \div 9 = 4$  so  $360 \div 9 =$  \_\_\_\_\_ and  $360 \div 4 =$  \_\_\_\_\_

e.  $3 \times 6 = 18$  so  $30 \times 6 =$  \_\_\_\_\_ and  $60 \times 3 =$  \_\_\_\_\_

f.  $18 \div 6 = 3$  so  $180 \div 6 =$  \_\_\_\_\_ and  $180 \div 3 =$  \_\_\_\_\_

3. Now try to solve these calculations using short written division.

a.  $84 \div 4 =$  \_\_\_\_\_

$$\begin{array}{r} \phantom{00} \\ 4 \overline{) 84} \end{array}$$

b.  $84 \div 6 =$  \_\_\_\_\_

$$\begin{array}{r} \phantom{00} \\ 6 \overline{) 84} \end{array}$$

c.  $72 \div 3 =$  \_\_\_\_\_

$$\begin{array}{r} \phantom{00} \\ 3 \overline{) 72} \end{array}$$

d.  $98 \div 7 =$  \_\_\_\_\_

$$\begin{array}{r} \phantom{00} \\ 7 \overline{) 98} \end{array}$$



# Answers

## 1. Complete the Fact Family Trees.

a.  $4 \times 6 = 24$ ,  $6 \times \underline{4} = 24$ ,  $24 \div 6 = \underline{4}$ ,  $\underline{24} \div 4 = \underline{6}$

b.  $9 \times 4 = \underline{36}$ ,  $4 \times \underline{9} = 36$ ,  $36 \div 9 = \underline{4}$ ,  $36 \div 4 = \underline{9}$

c.  $3 \times 6 = \underline{18}$ ,  $\underline{6} \times \underline{3} = 18$ ,  $18 \div \underline{6} = 3$ ,  $18 \div \underline{3} = 6$

## 2. Now use the facts you know to work out the answers to these.

a.  $4 \times 6 = 24$  so  $40 \times 6 = \underline{240}$  and  $4 \times 60 = \underline{240}$

b.  $24 \div 6 = 4$  so  $240 \div 6 = \underline{40}$  and  $240 \div 4 = \underline{60}$

c.  $9 \times 4 = 36$  so  $90 \times 4 = \underline{360}$  and  $9 \times 40 = \underline{360}$

d.  $36 \div 9 = 4$  so  $360 \div 9 = \underline{40}$  and  $360 \div 4 = \underline{90}$

e.  $3 \times 6 = 18$  so  $30 \times 6 = \underline{180}$  and  $60 \times 3 = \underline{180}$

f.  $18 \div 6 = 3$  so  $180 \div 6 = \underline{30}$  and  $180 \div 3 = \underline{60}$

## 3. Now try to solve these calculations using short written division.

a.  $84 \div 4 = \underline{21}$

b.  $84 \div 6 = \underline{14}$

c.  $72 \div 3 = \underline{24}$

d.  $98 \div 7 = \underline{14}$



# Written Method for Division

I can use the short written method for division (two and three-digit numbers).



## 1. Complete these short division calculations.

<b>a.</b>	8	4	÷	4	=							<b>b.</b>	8	4	÷	6	=						
	4	8	4										6	8	4								
<b>c.</b>	7	2	÷	3	=							<b>d.</b>	9	8	÷	7	=						
	3	7	2										7	9	8								

## 2. Complete these short division calculations using a written method.

Remember to use a ruler!

a.  $85 \div 5 =$

b.  $96 \div 3 =$

c.  $64 \div 4 =$

d.  $99 \div 3 =$

e.  $927 \div 9 =$

f.  $968 \div 8 =$

g.  $847 \div 7 =$

h.  $690 \div 6 =$



# Answers

**1. Complete these short division calculations.**

a.  $84 \div 4 = \underline{21}$

b.  $84 \div 6 = \underline{14}$

c.  $72 \div 3 = \underline{24}$

d.  $98 \div 7 = \underline{14}$

**2. Complete these short division calculations using a written method.**

**Remember to use a ruler!**

a.  $85 \div 5 = \underline{17}$

b.  $96 \div 3 = \underline{32}$

c.  $64 \div 4 = \underline{16}$

d.  $99 \div 3 = \underline{33}$

e.  $927 \div 9 = \underline{103}$

f.  $968 \div 8 = \underline{121}$

g.  $847 \div 7 = \underline{121}$

h.  $690 \div 6 = \underline{115}$



# Written Method for Division

I can use the short written method for division (three and four-digit numbers).



## 1. Complete these short division calculations.

a.	8	4	÷	4	=							b.	8	4	÷	6	=								
						_____														_____					
	4	8	4										6	8	4										
c.	7	2	÷	3	=							d.	9	8	÷	7	=								
						_____														_____					
	3	7	2										7	9	8										

## 2. Complete these short division calculations using a written method.

Remember to use a ruler!

a.  $927 \div 9 =$  \_\_\_\_\_

b.  $968 \div 8 =$  \_\_\_\_\_

c.  $847 \div 7 =$  \_\_\_\_\_

d.  $690 \div 6 =$  \_\_\_\_\_

e.  $6488 \div 4 =$  \_\_\_\_\_

f.  $8617 \div 7 =$  \_\_\_\_\_

g.  $3888 \div 9 =$  \_\_\_\_\_

h.  $4256 \div 8 =$  \_\_\_\_\_





# Answers

**1. Complete these short division calculations.**

a.  $84 \div 4 = \underline{21}$

b.  $84 \div 6 = \underline{14}$

c.  $72 \div 3 = \underline{24}$

d.  $98 \div 7 = \underline{14}$

**2. Complete these short division calculations using a written method.**

**Remember to use a ruler!**

a.  $927 \div 9 = \underline{103}$

b.  $968 \div 8 = \underline{121}$

c.  $847 \div 7 = \underline{121}$

d.  $690 \div 6 = \underline{115}$

e.  $6488 \div 4 = \underline{1622}$

f.  $8617 \div 7 = \underline{1231}$

g.  $3888 \div 9 = \underline{432}$

h.  $4256 \div 8 = \underline{532}$