

Multiplication and division

Short division

We can use written or short division to help us divide larger numbers.

For example, $96 \div 4$ becomes:

$$\begin{array}{r} 24 \\ 4 \overline{) 96} \end{array}$$

First divide the 10s: $9 \div 4 = 2$.

Write 2 in the 10s column and write the left-over 1 in the 1s column.

Then divide the 1s: $16 \div 4 = 4$.

Write 4 in the 1s column.

Answer = 24

1. Work out the 10s first, followed by the 1s.

a. $84 \div 4$

$$4 \overline{) 84}$$

b. $75 \div 5$

$$\overline{) 75}$$

c. $64 \div 2$

$$\overline{) 64}$$

d. $45 \div 3$

$$\overline{) 45}$$

e. $96 \div 4$

$$\overline{) 96}$$

f. $85 \div 5$

$$\overline{) 85}$$

g. $57 \div 3$

$$\overline{) 57}$$

h. $72 \div 2$

$$\overline{) 72}$$