

1 Work out the divisions.

a)

H	T	O	Tth	Hth
		5		

$5 \div 10$

b)

H	T	O	Tth	Hth
	1	5		

$15 \div 10$

c)

H	T	O	Tth	Hth
		3	8	

$3.8 \div 10$

d)

H	T	O	Tth	Hth
	1	3	8	

$13.8 \div 10$

What do you notice when you divide a number by 10?

2 Work out the divisions.

a) $7 \div 10$

c) $7.86 \div 10$

e) $16.4 \div 10$

b) $7.8 \div 10$

d) $16 \div 10$

f) $16.48 \div 10$

3 Work out the divisions.

a)

H	T	O	Tth	Hth	Thth
	1	7			

$17 \div 100$

b)

H	T	O	Tth	Hth	Thth
		9	4		

$9.4 \div 100$

c)

H	T	O	Tth	Hth	Thth
2	7	6			

$276 \div 100$

d)

H	T	O	Tth	Hth	Thth
	3	2	5		

$32.5 \div 100$

What do you notice when you divide a number by 100?

4 Work out the divisions.

a) $7 \div 100$

c) $72.5 \div 100$

e) $10.9 \div 100$

b) $7.2 \div 100$

d) $109 \div 100$

f) $109.5 \div 100$

5 Use a place value chart to work out $136 \div 1,000$

H	T	O	Tth	Hth	Thth
1	3	6			

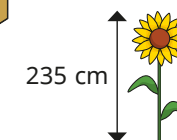
Talk to a partner about your method.

6 Use your knowledge of measure to work out the answers.

a) What is the mass of the box in kilograms?



b) What is the height of the sunflower in metres?



c) What is the amount of juice in litres?



c)

H	T	O	Tth	Hth	Thth
2	7	6			

$276 \div 100$

d)

H	T	O	Tth	Hth	Thth
	3	2	5		

$32.5 \div 100$

What do you notice when you divide a number by 100?



4 Work out the divisions.

- a) $7 \div 100$ c) $72.5 \div 100$ e) $10.9 \div 100$
 b) $7.2 \div 100$ d) $109 \div 100$ f) $109.5 \div 100$

5 Use a place value chart to work out $136 \div 1,000$

H	T	O	Tth	Hth	Thth
1	3	6			

Talk to a partner about your method.

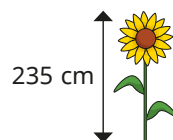


6 Use your knowledge of measure to work out the answers.

a) What is the mass of the box in kilograms?



b) What is the height of the sunflower in metres?



c) What is the amount of juice in litres?



7 Work out the calculations.

- a) $147 \div 10$ c) $3,200 \div 10$
 $147 \div 100$ $3,200 \div 100$
 $147 \div 1,000$ $3,200 \div 1,000$
 b) $21 \div 10$ d) $5,006 \div 10$
 $21 \div 100$ $5,006 \div 100$
 $21 \div 1,000$ $5,006 \div 1,000$

8 What are the missing numbers?



- a)
- $1,200 \xrightarrow{\div 10} 120 \xrightarrow{\div 100} 1.2$
- $1,200 \xrightarrow{\div \boxed{}} 1.2$
- b)
- $230 \xrightarrow{\div 1,000} 0.23 \xrightarrow{\times 10} 2.3$
- $230 \xrightarrow{\div \boxed{}} 2.3$
- c)
- $37 \xrightarrow{\div \boxed{}} 0.037 \xrightarrow{\times \boxed{}} 3.7$
- $37 \xrightarrow{\div 10} 3.7$