

1 Complete the divisions.

a)

H	T	O	Tths	Hths
		5	.	

 $5 \div 10 = \square$

b)

H	T	O	Tths	Hths
	1	5	.	

 $15 \div 10 = \square$

c)

H	T	O	Tths	Hths
		3	.	8

 $3.8 \div 10 = \square$

d)

H	T	O	Tths	Hths
	1	3	.	8

 $13.8 \div 10 = \square$

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

2 Complete the calculations.

- 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 Complete the divisions.

a)

H	T	O	Tths	Hths	Thths
	1	7	.		

 $17 \div 100 = \square$

b)

H	T	O	Tths	Hths	Thths
		9	.	4	

 $9.4 \div 100 = \square$

c)

H	T	O	Tths	Hths	Thths
2	7	6	.		

 $276 \div 100 = \square$

d)

H	T	O	Tths	Hths	Thths
	3	2	.	5	

 $32.5 \div 100 = \square$

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

4 Complete the divisions.

- a) $7 \div 100$ b) $109 \div 100$
 $7.2 \div 100$ $10.9 \div 100$
 $7.25 \div 100$ $10.95 \div 100$

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

H	T	O	Tths	Hths	Thths
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?

c)

H	T	O	Tths	Hths	Thths
2	7	6	.		

 $276 \div 100 =$

d)

H	T	O	Tths	Hths	Thths
	3	2	.	5	

 $32.5 \div 100 =$

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



4 Complete the divisions.

- | | |
|-----------------|-------------------|
| a) $7 \div 100$ | b) $109 \div 100$ |
| $7.2 \div 100$ | $10.9 \div 100$ |
| $7.25 \div 100$ | $10.95 \div 100$ |

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

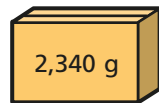
H	T	O	Tths	Hths	Thths
1	3	6	.		

Talk to a partner about your method.

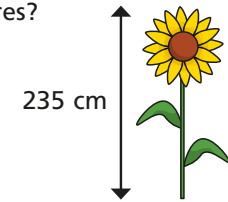


6 Use your knowledge of measure to work out the answers.

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 Complete 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 Complete the divisions.

- | | |
|------------------------------|---------------------------------|
| a) $83 \div \square = 0.83$ | e) $1,799 \div \square = 17.99$ |
| b) $\square \div 10 = 0.95$ | f) $\square \div 100 = 11.8$ |
| c) $\square \div 10 = 3.9$ | g) $178 \div \square = 17.8$ |
| d) $68 \div \square = 0.068$ | h) $3.18 \div \square = 0.318$ |

