

Divide by 10, 100 and 1,000



1 Complete the divisions.

a)

H	T	O	Tth	Hth
		5		

5 ÷ 10 =

b)

H	T	O	Tth	Hth
	1	5		

15 ÷ 10 =

c)

H	T	O	Tth	Hth
		3	8	

3.8 ÷ 10 =

d)

H	T	O	Tth	Hth
	1	3	8	

13.8 ÷ 10 =

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



2 Complete the divisions.

a) 7 ÷ 10 =

d) 16 ÷ 10 =

b) 7.8 ÷ 10 =

e) 16.4 ÷ 10 =

c) 7.86 ÷ 10 =

f) 16.48 ÷ 10 =

3 Complete the divisions.

a)

H	T	O	Tth	Hth	Thth
	1	7			

17 ÷ 100 =

b)

H	T	O	Tth	Hth	Thth
		9	4		

9.4 ÷ 100 =

c)

H	T	O	Tth	Hth	Thth
2	7	6			

276 ÷ 100 =

d)

H	T	O	Tth	Hth	Thth
	3	2	5		

32.5 ÷ 100 =

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



4 Complete the divisions.

a) 7 ÷ 100 =

d) 109 ÷ 100 =

b) 7.2 ÷ 100 =

e) 10.9 ÷ 100 =

c) 72.5 ÷ 100 =

f) 109.5 ÷ 100 =

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

H	T	O	Tth	Hth	Thth
1	3	6			

Complete the calculation.

$$136 \div 1,000 = \boxed{}$$

Talk to a partner about your method.

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

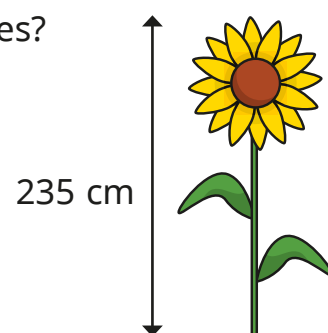
- a) What is the mass of the box in kilograms?

$$\boxed{} \div \boxed{} = \boxed{}$$



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

$$\boxed{} \div \boxed{} = \boxed{}$$



- c) What is the amount of juice in litres?

$$\boxed{} \div \boxed{} = \boxed{}$$



- 7 Complete the calculations.

a) $147 \div 10 = \boxed{}$

$$147 \div 100 = \boxed{}$$

$$147 \div 1,000 = \boxed{}$$

c) $3,200 \div 10 = \boxed{}$

$$3,200 \div 100 = \boxed{}$$

$$3,200 \div 1,000 = \boxed{}$$

b) $21 \div 10 = \boxed{}$

$$21 \div 100 = \boxed{}$$

$$21 \div 1,000 = \boxed{}$$

d) $5,006 \div 10 = \boxed{}$

$$5,006 \div 100 = \boxed{}$$

$$5,006 \div 1,000 = \boxed{}$$

- 8 Fill in 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)

$$37 \xrightarrow{\div \boxed{}} 0.037 \xrightarrow{\times \boxed{}} 3.7$$

$$37 \xrightarrow{\div 10} 3.7$$