

Thursday Paddling.

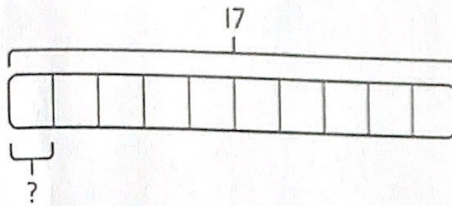
→ Textbook 6B p12

Unit 7 Decimals, Lesson 2

Dividing by multiples of 10, 100 and 1,000

1 Complete each division.

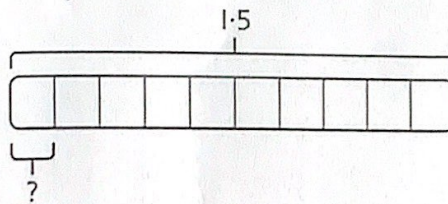
a)



H	T	O	•	Tth	Hth	Thth
	1	7	•			

$$17 \div 10 = \boxed{1.7}$$

b)



H	T	O	•	Tth	Hth	Thth
		1	•	5		

$$1.5 \div 10 = \boxed{0.15}$$

2 A leaking tap loses the same amount of water every day. After 100 days, it has lost 125 litres of water. How much water does it lose each day?

$125 \div 100$

H T O . t h

1 2 5

↖ ↗ ↘

1 . 2 5

The tap loses $\boxed{1.25}$ litres of water each day.

- 3 Which of these represents the answer to 2,050 divided by 1,000?
Tick your answer.

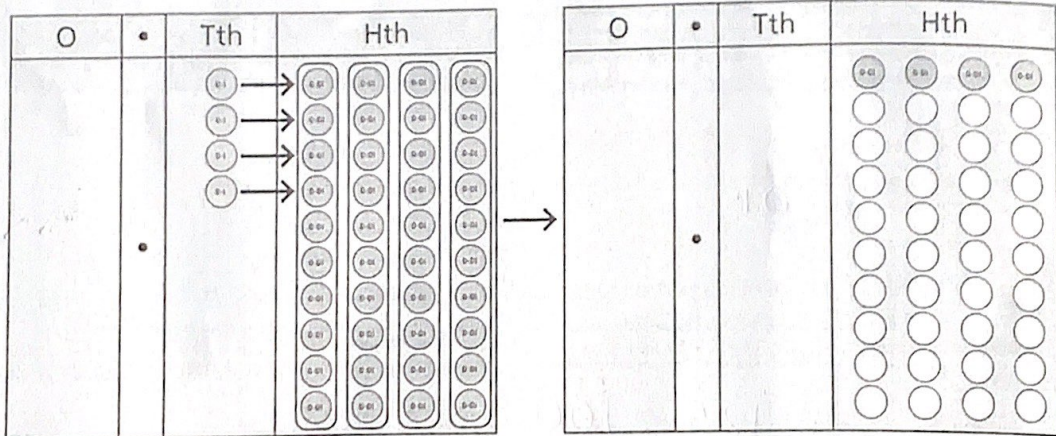
0	•	Tth	Hth	Thth
2	•	0	0	5

0	•	Tth	Hth	Thth
0	•	2	0	5

0	•	Tth	Hth
2	•	0	5

0	•	Tth
2	•	5

- 4 What division calculation does this diagram show?



$$0.4 \div 100 = 0.04$$

- 5 Each number has been divided by 10, 100 or 1,000.
Complete the calculations.

0	•	Tth	Hth	Thth
0	•	3	0	6

$$30.6 \div 100 = 0.306$$

0	•	Tth	Hth
0	•	3	6

$$3.6 \div 10 = 0.36$$

0	•	Tth	Hth	Thth
0	•	0	3	6

$$36 \div 1000 = 0.036$$