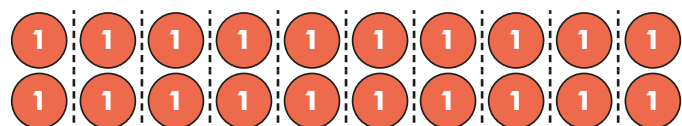


Dividing 2 digits by 10

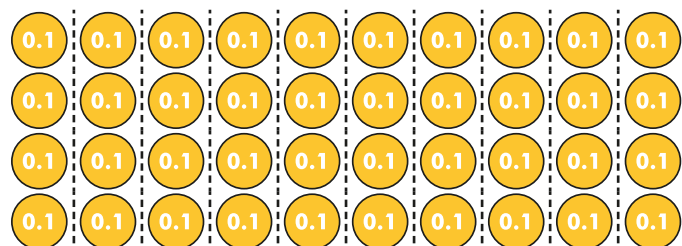
- 1 a) The array shows 20 shared between 10



Complete the calculation.

$$20 \div 10 = \boxed{2}$$

- b) The array shows 4 shared between 10



Complete the calculation.

$$4 \div 10 = \boxed{0.4}$$

- c) Complete the calculation.

$$24 \div 10 = \boxed{2.4}$$

Compare answers with a partner.



- 2 a) Draw counters to represent 30 on the place value chart.

Tens	Ones	Tenths
0 0 0		

Complete the division.

$$30 \div 10 = \boxed{3}$$

Draw counters to show your answer on the place value chart.

Tens	Ones	Tenths
	0 0 0	

- b) Draw counters to show 35 on the place value chart.

Tens	Ones	Tenths
0 0 0	0 0 0 0 0	

Complete the division.

$$35 \div 10 = \boxed{3.5}$$

Draw counters to show your answer on the place value chart.

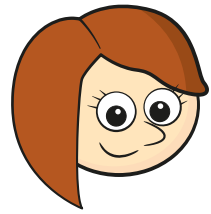
Tens	Ones	Tenths
	0 0 0	0 0 0 0 0

- c) What do you notice about your answers in parts a) and b)?

- d) Complete the sentence.

When dividing by 10, you move the counters $\boxed{1}$ place to the right.

3



You can't share
13 between 10 because 13 is
not a multiple of 10

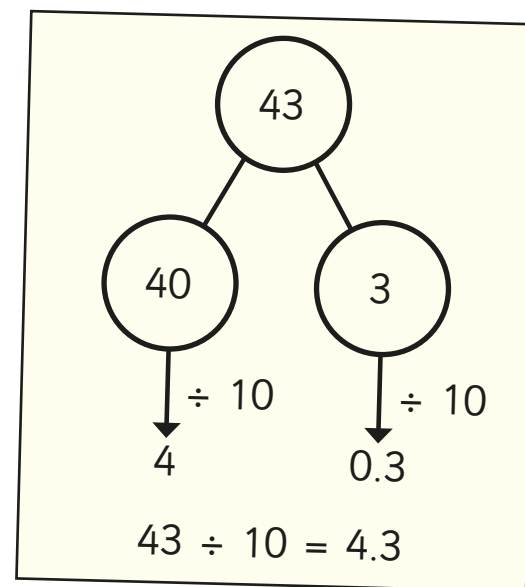
Do you agree with Rosie? No

Explain your answer.

4

Dexter is calculating $43 \div 10$

Here are Dexter's workings.

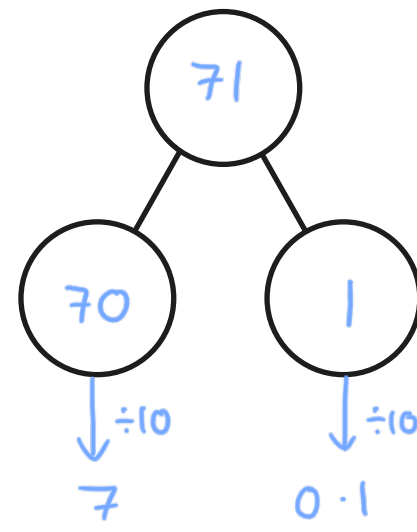
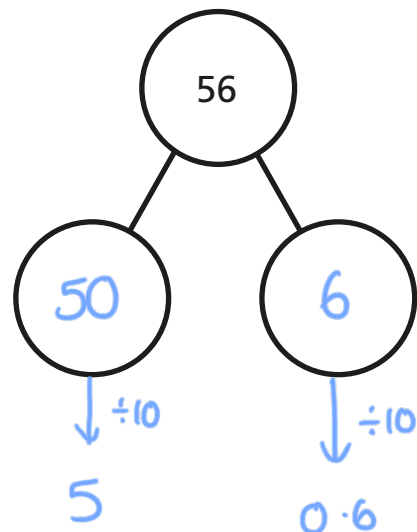


a) Talk to a partner about why Dexter's method works.

b) Use Dexter's method to complete the divisions.

$$56 \div 10 = \boxed{5.6}$$

$$71 \div 10 = \boxed{7.1}$$



5

Complete the divisions.

$$\text{a) } 37 \div 10 = \boxed{3.7}$$

$$\text{e) } 80 \div 10 = \boxed{8}$$

$$\text{b) } 11 \div 10 = \boxed{1.1}$$

$$\text{f) } \boxed{2.9} = 29 \div 10$$

$$\text{c) } 48 \div 10 = \boxed{4.8}$$

$$\text{g) } \boxed{63} \div 10 = 6.3$$

$$\text{d) } 99 \div 10 = \boxed{9.9}$$

$$\text{h) } 3.9 = \boxed{39} \div 10$$

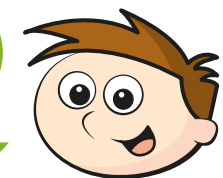
6

This Gattegno chart shows the number 37

100	200	300	400	500	600	700	800	900
10	20	30	40	50	60	70	80	90
1	2	3	4	5	6	7	8	9
0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09

a)

I need to move
the counters one place
to the left, so
 $37 \div 10 = 26$



Do you agree with Teddy? No

Explain your answer.

$$\underline{37 \div 10 = 3.7}$$

b) How can you use a Gattegno chart to divide by 10?