

Dividing 2 digits by 10

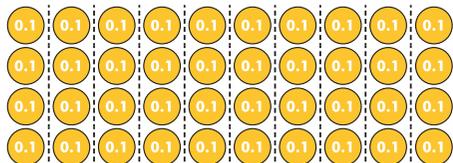
- 1 a) The array shows 20 shared between 10



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.



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

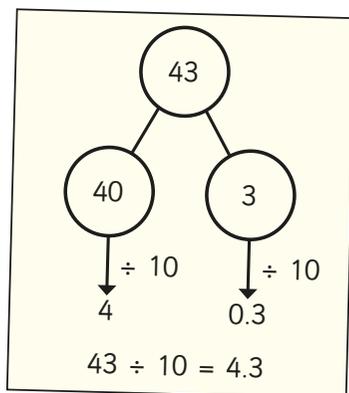
Do you agree with Rosie? No

Explain your answer.

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Dexter is calculating $43 \div 10$

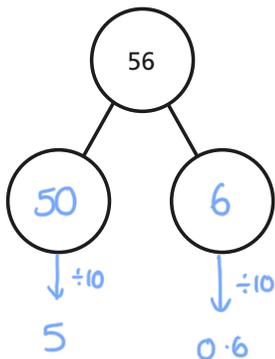
Here are Dexter's workings.



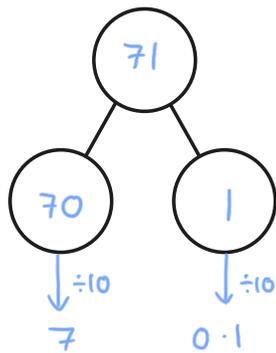
a) Talk to a partner about why Dexter's method works.

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

$$56 \div 10 = 5.6$$



$$71 \div 10 = 7.1$$



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Complete the divisions.

a) $37 \div 10 = 3.7$

e) $80 \div 10 = 8$

b) $11 \div 10 = 1.1$

f) $2.9 = 29 \div 10$

c) $48 \div 10 = 4.8$

g) $63 \div 10 = 6.3$

d) $99 \div 10 = 9.9$

h) $3.9 = 39 \div 10$

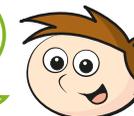
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This Gattegno chart shows the number 37

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.

$$37 \div 10 = 3.7$$

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

