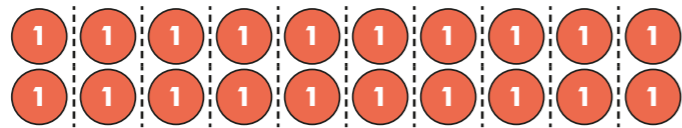


Dividing 2 digits by 10

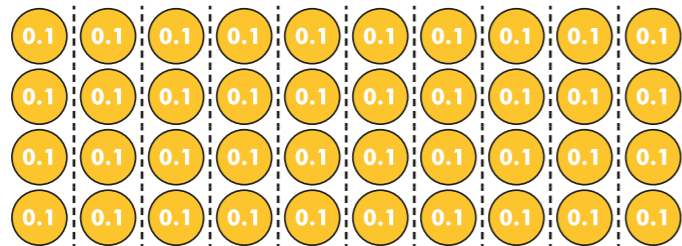
1 a) The array shows 20 shared between 10



Complete the calculation.

$$20 \div 10 = \square$$

b) The array shows 4 shared between 10



Complete the calculation.

$$4 \div 10 = \square$$

c) Complete the calculation.

$$24 \div 10 = \square$$

Compare answers with a partner.



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

| Tens | Ones | Tenths |
|------|------|--------|
| | | |

Complete the division.

$$30 \div 10 = \square$$

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

| Tens | Ones | Tenths |
|------|------|--------|
| | | |

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

| Tens | Ones | Tenths |
|------|------|--------|
| | | |

Complete the division.

$$35 \div 10 = \square$$

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

| Tens | Ones | Tenths |
|------|------|--------|
| | | |

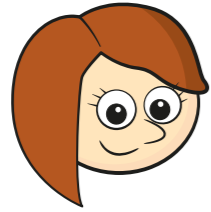
c) What do you notice about your answers in parts a) and b)?

d) Complete the sentence.

When dividing by 10, you move the counters place to the _____.



3



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

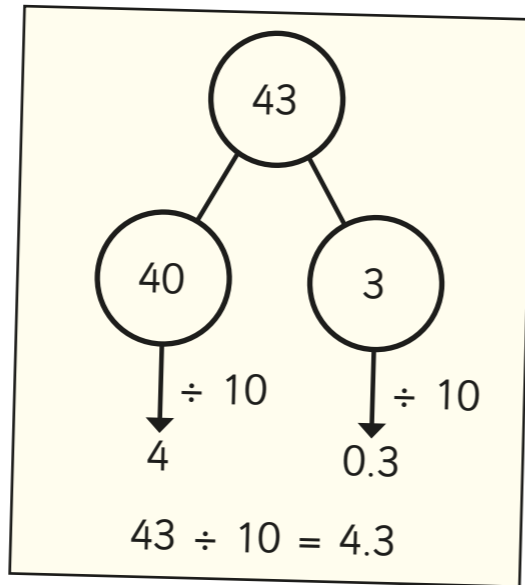
Do you agree with Rosie? _____

Explain your answer.

4

Dexter is calculating $43 \div 10$

Here are Dexter's workings.

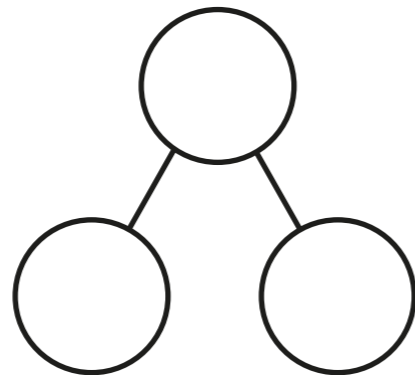
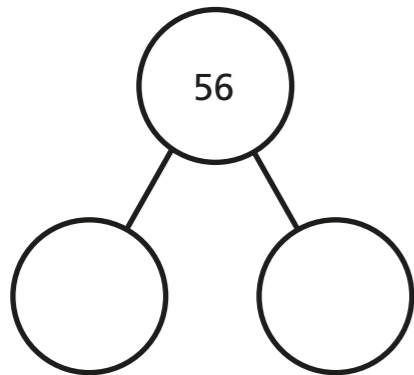


a) Talk to a partner about why Dexter's method works.

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

$56 \div 10 = \square$

$71 \div 10 = \square$



5

Complete the divisions.

a) $37 \div 10 = \square$

e) $80 \div 10 = \square$

b) $11 \div 10 = \square$

f) $\square = 29 \div 10$

c) $48 \div 10 = \square$

g) $\square \div 10 = 6.3$

d) $99 \div 10 = \square$

h) $3.9 = \square \div 10$

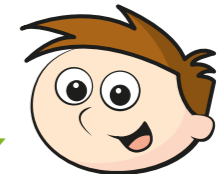
6

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? _____

Explain your answer.

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