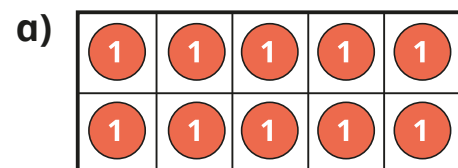


Divide a 1-digit number by 10

1 Look at the ten frames.



What number is represented?

Complete the division.

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



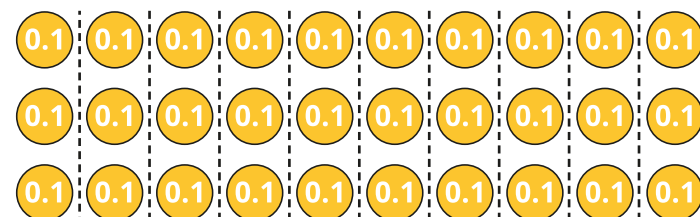
What number is represented?

Complete the division.

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

What is the same? What is different?

2 Use the counters to complete the sentences.



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

$\boxed{}$ ones divided by ten is equal to $\boxed{}$ tenths.

3 a) Draw counters on the place value chart to show 7

Ones	Tenths

b) Complete the division.

$$7 \div 10 = \boxed{}$$

c) Draw counters on the place value chart to show your answer?

Ones	Tenths

What do you notice?

d) Complete the sentence.

$\boxed{}$ ones divided by ten is equal to $\boxed{}$ tenths.

4 a) Use counters on a place value chart to represent 9

b) Move the counters to the right to represent 0.9

c) Complete the division.

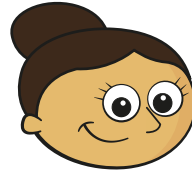
$$9 \div 10 = \boxed{}$$

What do you notice?

d) Complete the sentence.

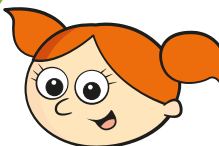
$\boxed{}$ ones divided by ten is equal to $\boxed{}$ tenths.

- 5 Dora and Alex are dividing by 10



Dora

To divide by 10,
you split the counters
into 10 equal parts.



Alex

To divide by 10,
you put the counters on a place
value chart and move them one
column to the right.

Who is correct? Circle your answer.

Dora **Alex** **neither** **both**

Compare answers with a partner.



- 6 Here is a 1-digit number on a place value chart.

Ones	Tenths
6	

- a) Complete the division.

$$6 \div 10 = \square$$

- b) Write your answer on the place value chart.

Ones	Tenths

- c) What happens to the digits in a number when you divide by 10?

- d) Work out the divisions.

$$7 \div 10 = \square \qquad \square \div 10 = 0.8$$

- 7 Write <, > or = to make the statements correct.

a) $2 \div 10$ $10 \div 2$

b) $7 \div 10$ $3 \div 10$

c) $4 \div 10$ 0.4×10

- 8 Complete the number sentences.

a) $6 \div \square \div 10 = 3 \div 10$

b) $24 \div 6 \div 10 = \square \div 10$

c) $42 \div \square \div 10 = 21 \div 7 \div 10$

Write a problem like this for a partner to solve.

