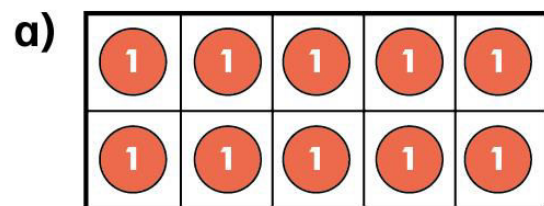


Dividing 1 digit by 10

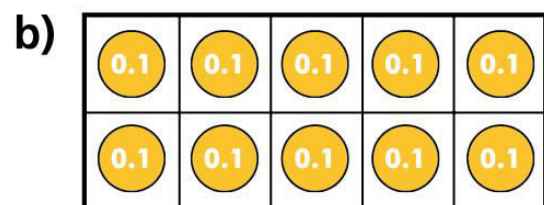
I Look at the ten frames.



What number is represented?

Complete the division.

$\div 10 =$



What number is represented?

Complete the division.

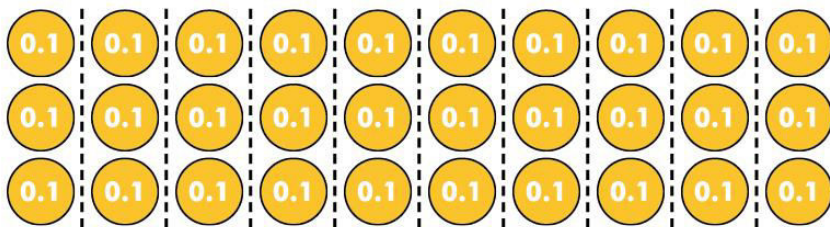
$\div 10 =$

c) What is the same? What is different?



2

a) What calculation is represented by the counters?



$$\square \div 10 = \square$$

b) Complete the number sentence.

$$\square \text{ ones divided by ten} = \square \text{ tenths.}$$



3

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

Ones	Tenths

b) Complete the division.

$$7 \div 10 = \square$$

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

Ones	Tenths

d) What do you notice?

e) Complete the sentence.

ones divided by ten = tenths.



4

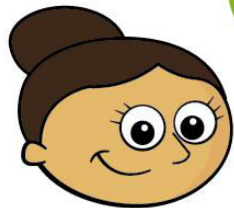
- a) Use a place value chart to represent 9
- b) Move the counters to the right to represent 0.9
- c) Complete the division.

$$9 \div 10 = \square$$

- d) What do you notice?
- e) Complete the sentence.

ones divided by ten equals tenths.

5



Dora

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

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

Alex



Who is correct? Circle your answer.

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

Compare answers with a partner.



6

Here is a one-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



6

c) In your own words, describe what happens to the digits in a number when you divide by 10

d) Use this method to work out the divisions.

$$7 \div 10 = \square$$

$$\square \div 10 = 0.8$$

7 Complete the divisions.

a) $4 \div 10 = \square$

b) $2 \div 10 = \square$

c) $\square = 5 \div 10$

d) $9 \div 10 = \square$

e) $\square \div 10 = 0.3$

f) $\square \div 10 = 0.1$



8

Complete the number sentences.

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

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

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

d) Write a problem like this for a partner to solve.
