Tenths on a place value chart

1 Complete the sentences to describe the numbers.
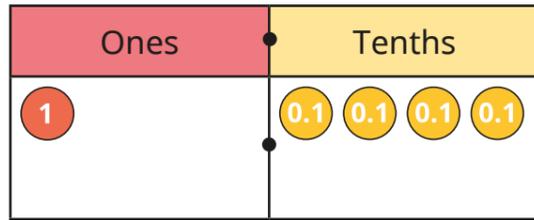
a)

Ones	Tenths
1	0.1 0.1 0.1 0.1

There is [ ] whole and [ ] tenths.

The number is [ ]

b)

Ones	Tenths
1	0.1 0.1 0.1

There is [ ] whole and [ ] tenths.

The number is [ ]

c)

| Ones	Tenths
1 1	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
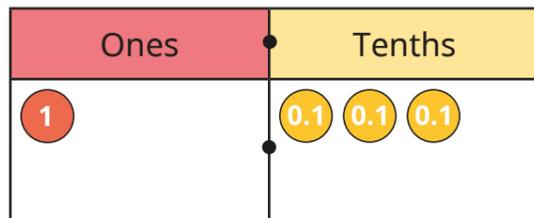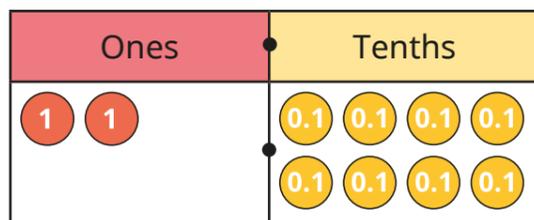
There are [ ] wholes and [ ] tenths.

The number is [ ]

2 Draw counters on the place value charts to represent each number.

Complete the sentences to describe the numbers.

a) 2.1

Ones	Tenths
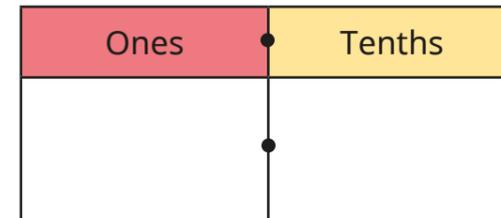
There are [ ] wholes

and [ ] tenth.

b) 1.2

Ones	Tenths
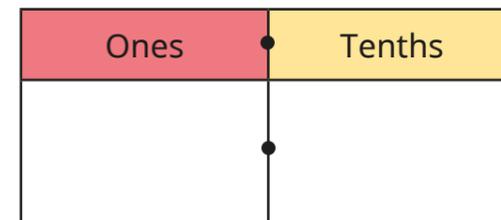
There is [ ] whole

and [ ] tenths.

What is the same? What is different?

3 Tommy has made a number on a place value chart.

Ones	Tenths
	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
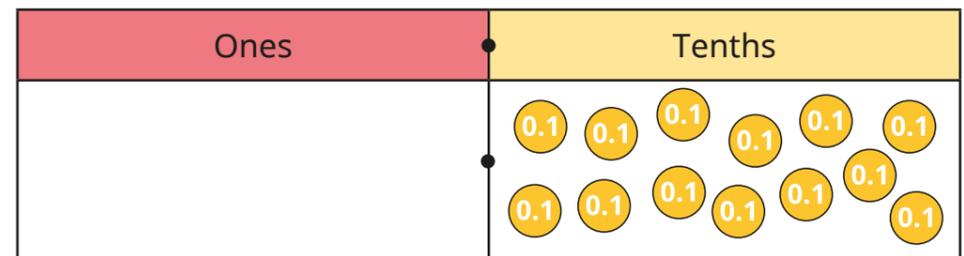
a) What number has Tommy made? [ ]

b) Draw counters to show how Tommy could have represented this differently.
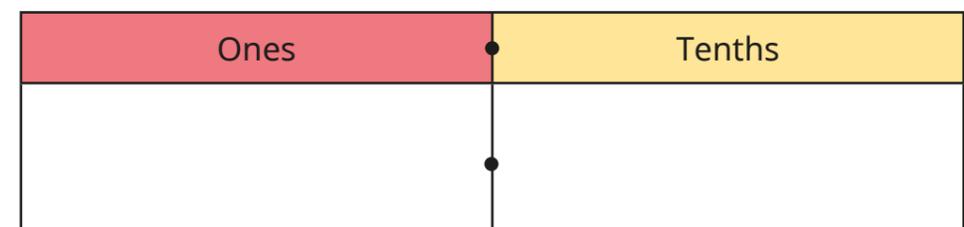
Ones	Tenths

4 Complete the sentences to match the place value charts.

a)

Ones	Tenths
2	6

There are ☐ ones and ☐ tenths.

☐ ones + ☐ tenths = ☐ + ☐ = ☐

b)

Ones	Tenths
0	9

There are ☐ ones and ☐ tenths.

☐ ones + ☐ tenths = ☐ + ☐ = ☐

5 Draw counters to represent each number.

Write each number as a decimal.

a) There are 3 ones and 2 tenths.

Ones	Tenths

☐

b) There are 5 ones and 2 tenths.

Ones	Tenths

☐

c) There are 2 tenths.

Ones	Tenths

☐

6

The number after 9 tenths is 10 tenths. This is written as 0.10
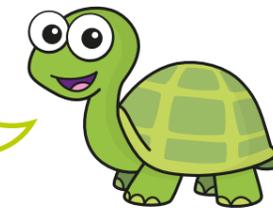
a) Explain the mistake that Tiny has made.

b) How is 10 tenths written in numerals?

☐

7 Match the labels to the place value charts.

3 tenths

21 tenths

12 tenths

30 tenths

Ones	Tenths
1	2

Ones	Tenths
2	1

Ones	Tenths
3	0

Ones	Tenths
0	3