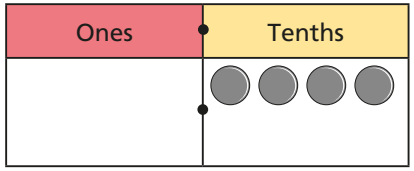
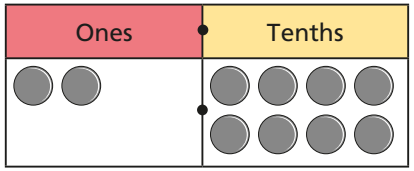
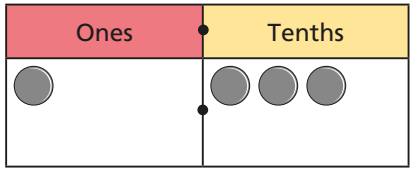
Tenths on a place value grid

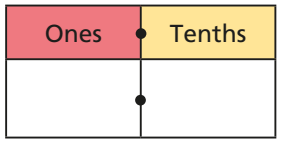
1 Write the decimal that is shown in each place value chart.





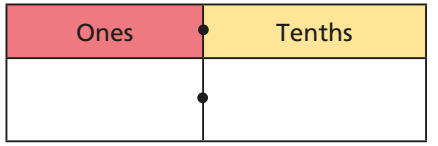


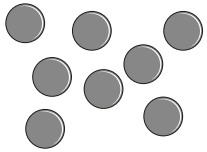
2 Draw counters on a place value chart to represent each number.



a) 2.1 **b)** 1.2 **c)** 0.2 **d)** 2

3 Rosie is using this place value chart to make numbers.





She uses all 8 counters each time.
Complete the sentences.

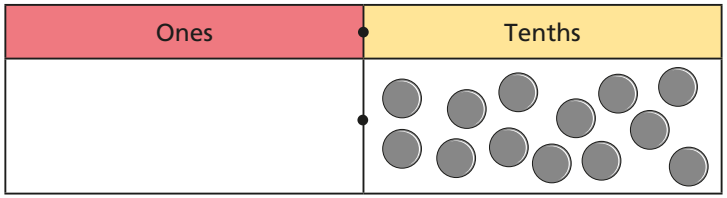
a) The smallest number possible is ☐

b) The greatest number possible is ☐

c) A number between 3 and 4 is ☐

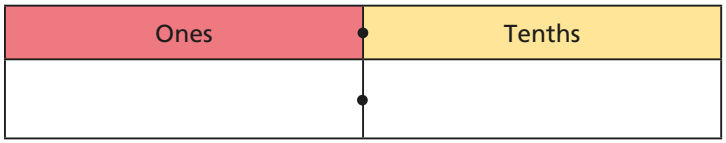
d) The closest possible number to 5 is ☐

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



a) What number has Tommy represented?

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



c) What method did you use? Talk about it with a partner.

5 Complete the number sentences to match the place value charts.

There are ☐ ones and ☐ tenths.

☐ ones + ☐ tenths = ☐ + ☐ = ☐

a)

Ones	Tenths
2	6

b)

Ones	Tenths
0	9

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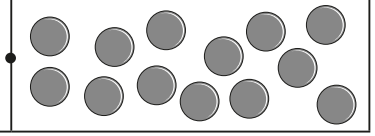
c) A number between 3 and 4 is ☐

d) The closest possible number to 5 is ☐

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

Ones	Tenths
	

a) What number has Tommy represented?

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

Ones	Tenths

c) What method did you use? Talk about it with a partner.

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There are ☐ ones and ☐ tenths.

☐ ones + ☐ tenths = ☐ + ☐ = ☐

a)

Ones	Tenths
2	6

b)

Ones	Tenths
0	9

6 Draw counters to represent each number.

Write each number as a decimal.

Ones	Tenths

a) There are 3 ones and 2 tenths.

b) There are 5 ones and 2 tenths.

c) There are 2 tenths.

7 Match the written numbers to the place value charts.

one tenth
twenty-one tenths
twelve tenths
ten tenths

Ones	Tenths
1	2

Ones	Tenths
2	1

Ones	Tenths
1	0

Ones	Tenths
0	1

8

Six tenths added to four tenths makes ten tenths, which is a whole.

How many other ways can you make a whole from tenths?

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