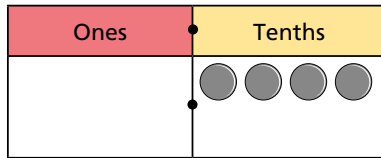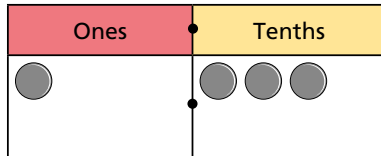# Tenths on a place value grid
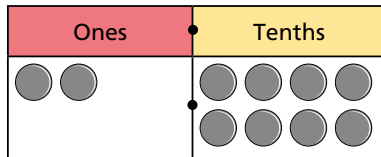
1 Write the decimal that is shown in each place value chart.

Ones	Tenths
	⚫⚫⚫⚫

$0 \cdot 4$

Ones	Tenths
⚫	⚫⚫⚫

$1 \cdot 3$
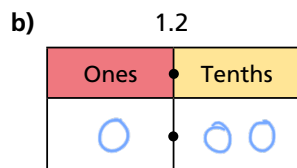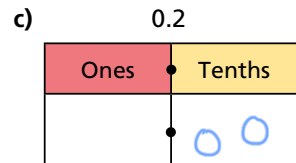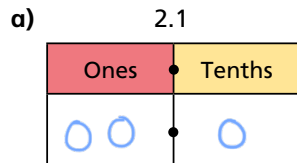
Ones	Tenths
⚫⚫	⚫⚫⚫⚫ ⚫⚫⚫⚫

$2 \cdot 8$

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

a) 2.1

Ones	Tenths
○○	○

b) 1.2

Ones	Tenths
○	○○

c) 0.2

Ones	Tenths
	○○

d) 2

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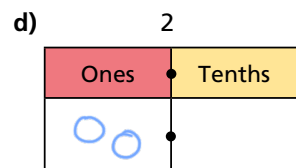
3 Rosie is using this place value chart to make numbers.

Ones	Tenths
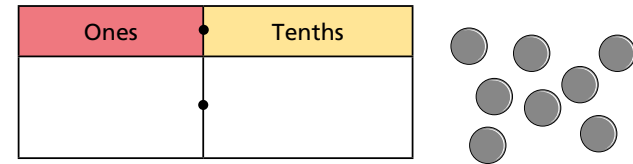
She uses all 8 counters each time.

Complete the sentences.

a) The smallest number possible is $\boxed{0 \cdot 8}$

b) The greatest number possible is $\boxed{8}$

c) A number between 3 and 4 is $\boxed{3 \cdot 5}$

d) The closest possible number to 5 is $\boxed{5 \cdot 3}$

4 Tommy has made a number on a place value chart.
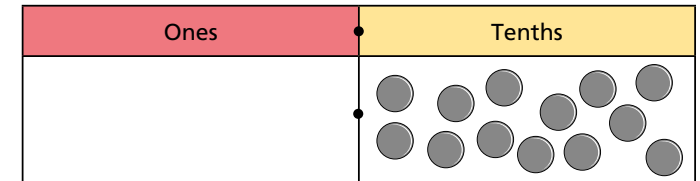
Ones	Tenths
	⚫⚫⚫⚫⚫ ⚫⚫⚫⚫⚫⚫⚫⚫

a) What number has Tommy represented? $\boxed{1 \cdot 3}$

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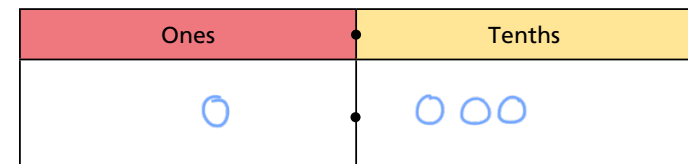
Ones	Tenths
○	○○○

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

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

a)

Ones	Tenths
2	6

There are $\boxed{2}$ ones and $\boxed{6}$ tenths.

$\boxed{2}$ ones + $\boxed{6}$ tenths = $\boxed{2}$ + $\boxed{0 \cdot 6}$ = $\boxed{2 \cdot 6}$

b)

Ones	Tenths
0	9

There are $\boxed{0}$ ones and $\boxed{9}$ tenths.

$\boxed{0}$ ones + $\boxed{9}$ tenths = $\boxed{0}$ + $\boxed{0 \cdot 9}$ = $\boxed{0 \cdot 9}$

6 Draw counters to represent each number.

Write each number as a decimal.

a) There are 3 ones and 2 tenths.

Ones	Tenths
○ ○ ○	○ ○

$\boxed{3 \cdot 2}$

b) There are 5 ones and 2 tenths.

Ones	Tenths
○ ○ ○ ○ ○	○ ○

$\boxed{5 \cdot 2}$

c) There are 2 tenths.

Ones	Tenths
	○ ○

$\boxed{0 \cdot 2}$

7 Match the written numbers to the place value charts.

one tenth		Ones	Tenths
		1	2

twenty-one tenths		Ones	Tenths
		2	1

twelve tenths		Ones	Tenths
		1	0

ten tenths		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?

$\frac{1}{10} + \frac{9}{10} = 1$ $\frac{2}{10} + \frac{8}{10} = 1$ $\frac{3}{10} + \frac{7}{10} = 1$ $\frac{4}{10} + \frac{6}{10} = 1$

$\frac{5}{10} + \frac{5}{10} = 1$ $\frac{6}{10} + \frac{4}{10} = 1$ $\frac{7}{10} + \frac{3}{10} = 1$ $\frac{8}{10} + \frac{2}{10} = 1$

$\frac{9}{10} + \frac{1}{10} = 1$