

Worksheet 2

Reading and Writing Decimals

1



stands for 1.

What number does each of the following show?

	$\frac{1}{100} + \frac{9}{1000}$	<p>0.019</p> <p>19 thousandths</p>
	$\frac{2}{100} + \frac{5}{1000}$	<p>0.025</p> <p>25 thousandths</p>
	$\frac{5}{100} + \frac{3}{1000}$	<p>0.053</p> <p>53 thousandths</p>
	$\frac{6}{100} + \frac{1}{1000}$	<p>0.061</p> <p>61 thousandths</p>

- 2 Use the digits 2, 3 and 4 to make different numbers.

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List all the possible numbers.

0.023, 0.024, 0.032, 0.042, 0.034, 0.043

- 3 Use the digits 0, 5 and 7 to make different numbers.

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- (a) List all the possible numbers.

0.005, 0.007, 0.050, 0.070, 0.057, 0.075

- (b) Choose one of the above numbers and write it in words.

Answers may vary

CHALLENGE

Ron has 8 counters. He makes numbers using the place value chart.

At least 3 columns have counters in.

What is the largest and the smallest number he can make with 8 counters?

1	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$

Can you record the numbers in different ways?



In this problem symbols have been used to represent two different numbers. Write down the value of each, as a mixed number and as a decimal.

 = 1  = $\frac{1}{10}$  = $\frac{1}{100}$  = $\frac{1}{1000}$

Answers below: 

Ron has 8 counters. He makes numbers using the place value chart.

At least 3 columns have counters in.

What is the largest and the smallest number he can make with 8 counters?

1	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$

Can you record the numbers in different ways?

Smallest: 0.116

Largest: 6.11



1.431

2.322

In this problem symbols have been used to represent two different numbers. Write down the value of each, as a mixed number and as a decimal.

 = 1
  = $\frac{1}{10}$
  = $\frac{1}{100}$
  = $\frac{1}{1000}$