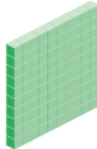
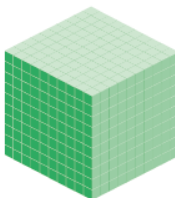
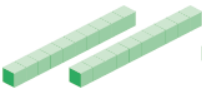



Reading and Writing Decimals

In Focus

What number does  stand for?  stands for 1.  stand for?

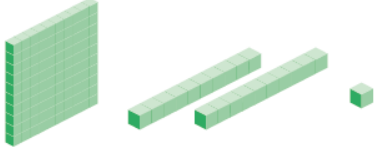
How many different numbers can be formed using any combination of exactly 4 of these:  ?



Let's Learn

1  shows $\frac{1}{10} + \frac{2}{100} + \frac{1}{1000}$.

$$\begin{aligned} \text{10x10 grid} &= \frac{1}{100} \\ \text{1x10x10 rod} &= \frac{1}{10} \\ \text{1x1x1 cube} &= \frac{1}{1000} \end{aligned}$$

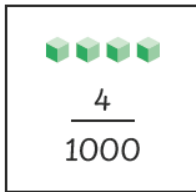


$$\frac{1}{10} + \frac{2}{100} + \frac{1}{1000}$$



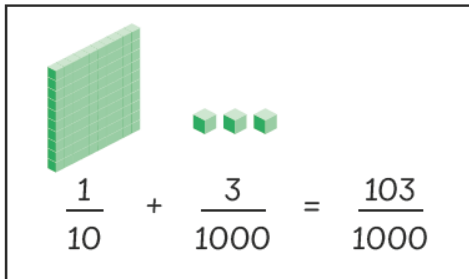
It is also $\frac{121}{1000}$ or 121 thousandths.

2  makes .




4 thousandths

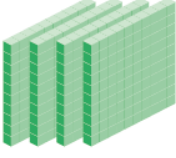
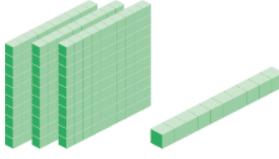
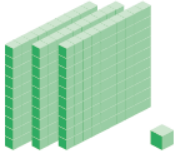
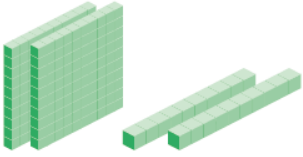
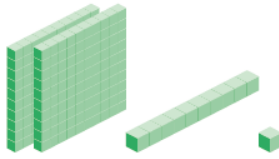
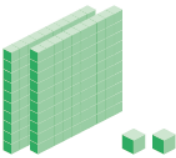
3  makes .




103 thousandths

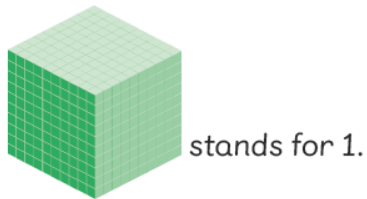
4

 makes a systematic list.

using four pieces	in numerals	in words
	$\frac{4}{10} = 0.4$	4 tenths
	$\frac{31}{100} = 0.31$	31 hundredths
	$\frac{301}{1000} = 0.301$	301 thousandths
	$\frac{22}{100} = 0.22$	22 hundredths
	$\frac{211}{1000} = 0.211$	211 thousandths
	$\frac{202}{1000} = 0.202$	202 thousandths

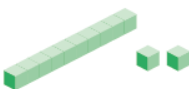
Can you continue  's list?

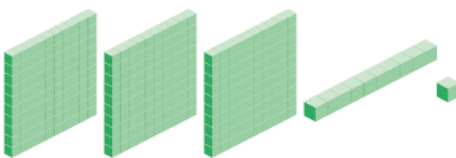
Guided Practice



1 What number does each of these show?

(a) 

(b) 

(c) 

Write each number as a decimal. Then write it in words.

Show the numbers using

10 **1** **0.1** **0.01** **0.001** .



2 Use 0, 1 and 2 to make different numbers.

.

(a) Show the numbers using  ,  or  .

(b) Write the numbers in words.



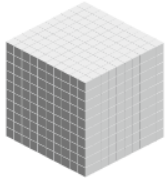
How many different numbers can be made?

Name: _____ Class: _____ Date: _____

Worksheet 3

Reading and Writing Decimals

1



stands for 1.

What number does each of the following show?

	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <div style="text-align: center; margin-top: 5px;">1000</div>	<div style="text-align: center; margin-bottom: 10px;">0.118</div> <div style="border: 1px solid black; width: 60px; height: 25px; display: inline-block;"></div> thousandths
	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <div style="text-align: center; margin-top: 5px;">1000</div>	<div style="border: 1px solid black; width: 60px; height: 25px; display: inline-block; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 60px; height: 25px; display: inline-block;"></div> thousandths
	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <div style="text-align: center; margin-top: 5px;">1000</div>	<div style="border: 1px solid black; width: 60px; height: 25px; display: inline-block; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 60px; height: 25px; display: inline-block;"></div> thousandths

- 2 Use the digits 7, 8 and 9 to make different numbers.

.

List all the possible numbers.

- 3 Use the digits 0, 3 and 6 to make different numbers.

.

- (a) List all the possible numbers.

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