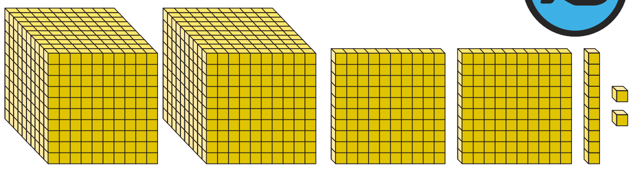
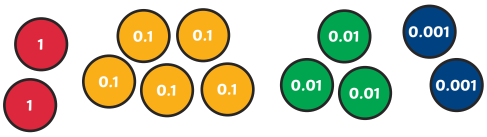
1) Put these decimals in ascending order.

a)

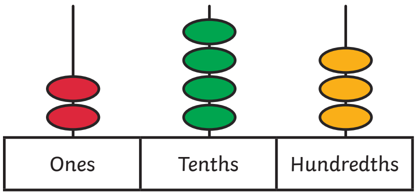


b)


1
1
0.1
0.1
0.1
0.1
0.1
0.01
0.01
0.01
0.001
0.001

c) 2 + 0.4 + 0.009

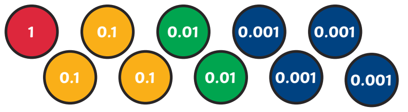
d)


Ones
Tenths
Hundredths

e) $\frac{2540}{1000}$

2) Complete these statements by using the correct symbol: <, > or =.

a)

 1 0.1 0.01 0.001 0.001 0.1 0.1 0.01 0.001 0.001		1+0.3+0.03

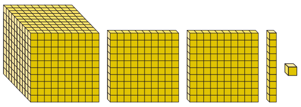
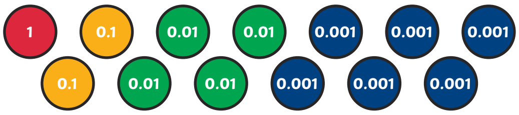
b)

3.24km		3.204km

c)

2.51km		$\frac{2524}{1000}$ km		$\frac{252}{100}$ km

3) These decimals have been ordered smallest to largest. Write decimal numbers with up to 3 decimal places and draw representations to fill the gaps.

Visual Representation	Number
Smallest	1.199
	
 1 0.1 0.01 0.01 0.001 0.001 0.001 0.1 0.01 0.01 0.001 0.001 0.001	
Largest	

---

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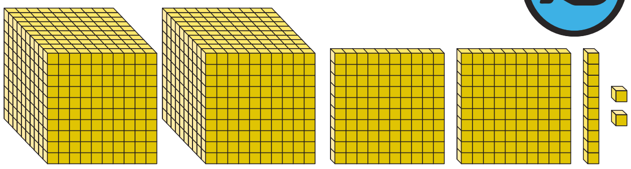
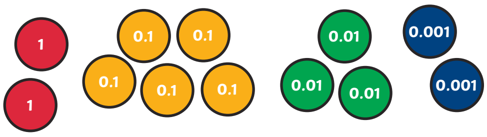
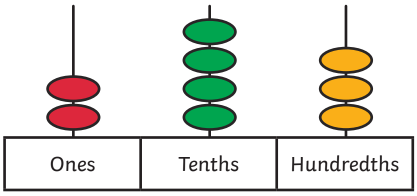


b)



c) 2 + 0.4 + 0.009

d)



e) $\frac{2540}{1000}$

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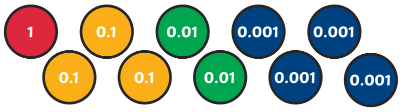
a)

		1+0.3+0.03

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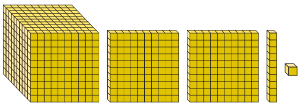	
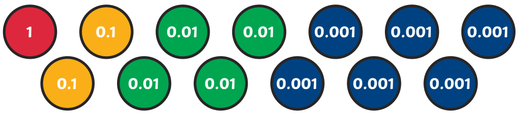	
Largest	

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1) Ian says 2.345 is greater than 2.4.
Ian is incorrect. Explain why.

2) Draw a number line like the one below in your book. You will need a way to generate random numbers: dice, digit cards or spinners would work. Playing with a partner, generate a decimal number between 1 and 2. You can order the digits however you wish.

1. ☐ ☐ ☐

Place this on the number line. The first to get three decimal numbers in a row wins!

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1) Using each digit card only once, find 5 possible solutions that complete this statement.

1 2 2 3 3

2 . ☐ ☐ 5 < 2 . ☐ ☐ ☐

2) These decimal numbers are in ascending order. Put digits in the empty boxes to make the order correct.

a) 0.__0__, 0.0__ __, 0.03__, 0.1__ __, 0.__6__

b) Now complete the decimals, using the digits 0-8 once only so that the decimal numbers are in ascending order.

0.__0__, 0.0__ __, 0.03__, 0.1__ __, 0.__6__

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