Decimals

Place Value of Decimals

9a. Convert the number represented below to digits.
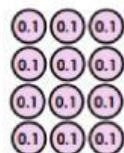
9b. Convert the number represented below to digits.
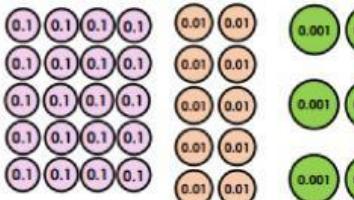
12a. Use the digit cards to create the greatest and smallest number possible.

0	9	1	9

You must use one digit twice.
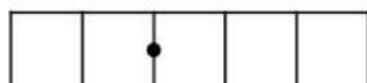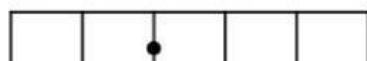
12b. Use the digit cards to create the greatest and smallest number possible.

0	8	7	2

You must use two digits twice.

---
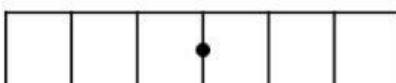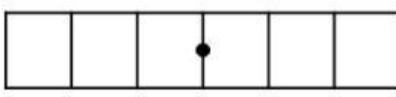
1. Shade or colour in the correct statements below.

| A. Hundredths are 10 times the size of thousandths.	B. There are 10 hundredths in one whole.	C. 1 ÷ 100 = 0.01
D. There are 10 tenths in one whole.	E. 0.001 x 10 = 0.01	F. Thousandths are one-tenth the size of tenths.
G. 0.01 x 10 = 0.001	H. There are 100 thousandths in one tenth.	I. Tenths are one hundred times the size of thousandths.

2a. Killian has made a number in the place value grid below.

T	O	•	t	h	th
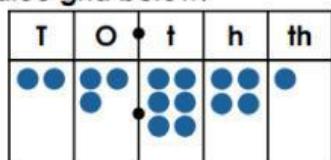
Below, he has tried to partition the number in different ways.

A. 20 + 3 + 0.6 + 0.03 + 0.011
B. 23 + 0.5 + 0.14 + 0.001
C. 20 + 3 + 0.6 + 0.4 + 0.001

Find and explain his mistake.

2b. Candice has made a number in the place value grid below.

T	O	•	t	h	th
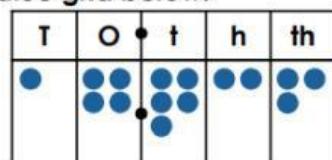
Below, she has tried to partition the number in different ways.

A. 14 + 0.5 + 0.02 + 0.003
B. 10 + 4 + 0.5 + 0.02 + 0.0003
C. 10 + 3 + 1.5 + 0.023

Find and explain her mistake.

---

2. Complete the empty arrows to correctly partition each number.

A. 37.82	B. 6.149	C. 18.532	D. 469.257
30	5		460
7		0.4	
0.8	0.04		0.04
	0.009	0.002	