


### Place Value – Integers and Decimals

1a. Chemmy is discussing the number below. She says,

3.184




My number has 3 ones, 1 ten, 8 hundreds and 4 thousands.

Is she correct? Explain your answer.

1b. Dylan is discussing the number below. He says,

5.276



My number has 4 ones, 12 tenths, 5 hundredths and 26 thousandths.

Is he correct? Explain your answer.

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.

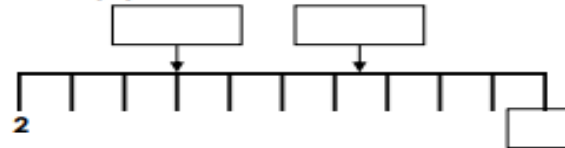
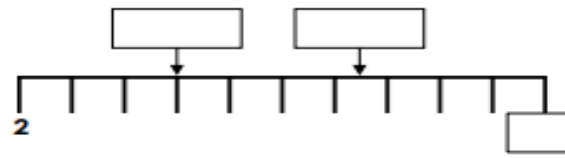
T	O	t	h	th
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Below, she has tried to partition the number in different ways.

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.

3a. Find two different ways to complete the empty boxes on the number line.

3b. Find two different ways to complete the empty boxes on the number line.

