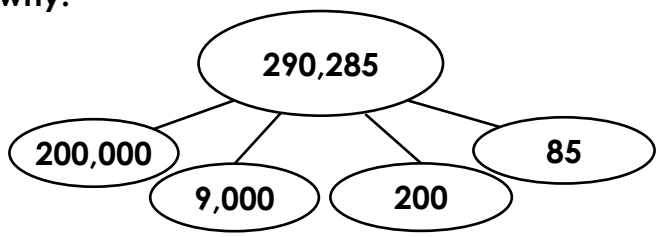
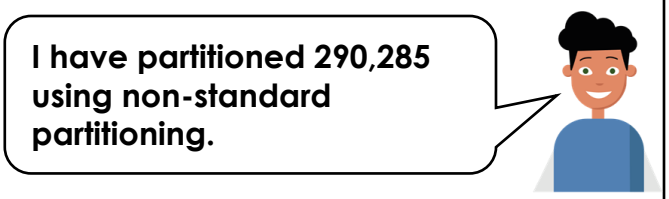
Partition Numbers to 1,000,000

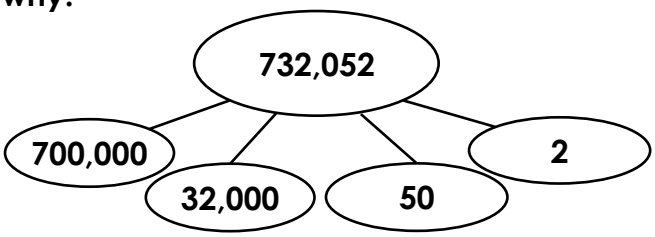
1a. Do you agree with Lucas? Explain why.

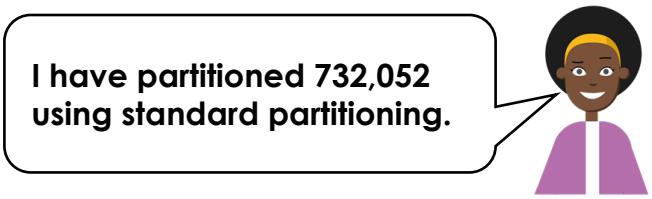




R

1b. Do you agree with Alisha? Explain why.





R

2a. I have incorrectly partitioned 13,658. Explain my mistake.

$$13{,}658 = 10{,}000 + 3{,}600 + 8$$

R

2b. I have incorrectly partitioned 248,735. Explain my mistake.

$$248{,}735 = 20{,}000 + 4{,}800 + 700 + 35$$

R

3a. I have one counter left. Find all the new numbers I could make if I added it to the chart below.

HTh	TTh	Th	H	T	O
●● ●●	●● ●● ●● ●	●● ●● ●●	●● ●● ●● ●● ●	●●	●● ●● ●

PS

3b. I have two counters left. Find all the new numbers I could make if I added them to the same column in the chart below.

TTh	Th	H	T	O
●● ●● ●● ●	●● ●● ●●	●	●● ●● ●● ●● ●	●● ●●

PS

Partition Numbers to 1,000,000

1a. Disagree because Lucas may have combined the tens and ones to make 85, but he has incorrectly partitioned the ten thousands digit and put it in the thousands. The 9,000 represented in the part-whole model should be 90,000.
1b. Disagree because Alisha has combined the ten thousands and thousands digits to make 32,000, which is non-standard partitioning.
2a. The tens have been missed.
2b. The place value of the hundred thousands, ten thousands and thousands digits are all incorrect because they are ten times smaller.
3a. 576,923; 486,923; 477,923; 477,023; 476,933; 476,924
3b. 95,194; 77,194; 75,394; 75,214; 75,196