

_____ = _____ + _____ + _____ + _____



Partition Numbers to 1 000 000



- 1) a) Identify one thing that is the same and one thing that is different about all these calculations.

$$134\ 072 + 100\ 000$$

$$34\ 000 + 200\ 072$$

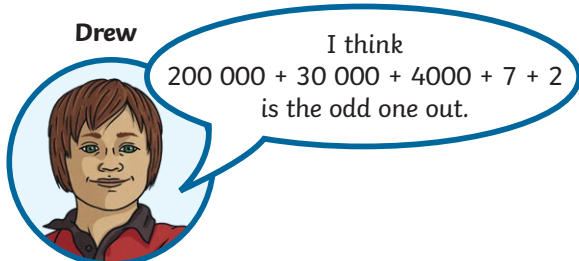
$$124\ 000 + 110\ 002 + 70$$

$$122\ 070 + 112\ 002$$

$$200\ 000 + 30\ 000 + 4000 + 7 + 2$$

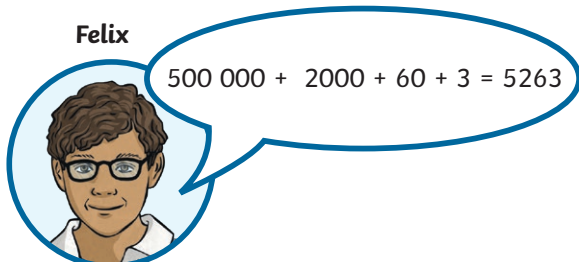
- b) Explain why you think Drew has chosen this calculation as being the odd one out.

Drew



- 2) Explain and correct Felix's mistake.

Felix



- 3) Whose statement is false? Prove it.

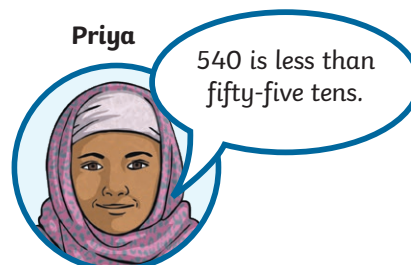
Elena



Zeke



Priya





Partition Numbers to 1 000 000



Drew



I used 16 place value counters to represent the number **212 011**.

- 1) Draw three possible ways Drew could have represented this number using 16 place value counters.

- 2) Match these statements to the correct numbers and write numbers or statements for those without a match.

3 tens and 5 ones

35 000

53 tens

530

500 000 + 30 000

5300

53 hundreds

350 000

10 000 more than 340 000

53 000

530 hundreds

3500

13 000 + 22 000

530 000

- 3) 580 221 has been partitioned into three parts. One of the parts has a value of 580 200. What could the value of the other parts be? Find 10 possible solutions.

