



1) Emily says that, in order to complete the empty place value chart with the greatest possible answer, she must use the same number of counters as the completed chart. Is she correct? Explain why.

M	HTh	TTh	Th	H	T	O
1	2	5	2	3	1	3

>

M	HTh	TTh	Th	H	T	O

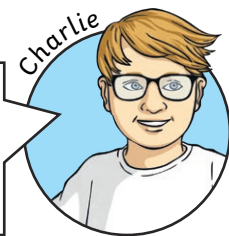
2) Harjot, Petra and Charlie are each thinking of a 7-digit number.



My number is 3 872 377.



My number has 5 millions.



The digits of my number total 9. There are no zeros in my number.

a) Write 4 different numbers which Charlie could be thinking of.

b) For each statement, circle whether you think it is true, false or cannot tell. Explain your reasoning.

Petra has the greatest number. True False Cannot tell

Harjot has the smallest number. True False Cannot tell

3) These numbers have been ordered from greatest to smallest. One digit has been covered with a star. What is the digit? How do you know?

6 524 132

4 215 844

★ 361 294

2 831 462
