

NAME.....

CLASS....

MATHS CHALLENGE 1 YR5

SOLUTION

Pat had 5 dice that he rolled together.



Roll	Die 1	Die 2	Die 3	Die 4	Die 5
1	4	2	1	3	5
2	6	3	4	5	1
3	2	4	3	1	6
4	5	3	6	2	1

Pat wrote down the numbers he rolled each time in this table. He then used the numbers rolled to make different 5-digit numbers.

Year 5

1. Which roll gave him the biggest 5-digit number? **2**
65431
2. Which roll gave him the smallest 5-digit number? **1**
12345
3. What is the difference between the largest and the smallest number? **$65431 - 12345 = 53086$**
4. What is the total of the largest and smallest number?
 $65431 + 12345 = 77776$