

NAME.....

CLASS---

MATHS CHALLENGE 1 YR3/4 SOLUTION

Pat had 3 dice that he rolled together.



Roll	Die 1	Die2	Die3
1	4	2	1
2	6	3	5
3	2	6	4
4	4	3	6

Pat wrote down the numbers he rolled each time in this table. He then used the numbers rolled to make different 3-digit numbers. E.g For roll 1 he made 241, 412, 214, 142, 421, 124

Year 3&4

1. Which roll gave him the biggest 3-digit number? **2 653**
2. Which roll gave him the smallest 3-digit number? **1 124**

Year 4

If Pat added each different number made in a roll together what was the total for each roll?

Roll 1 1554

Roll 2 3108

Roll 3 2664

Roll 4 2886