Name: Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Prime and square number puzzle Autumn 1 – Week 1 – Extension 3**

**Information:**

Two people, Ben and Wasim, are playing a board game with 100 spaces numbered 0 to 99.

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|  |  |  |  |  |  | 13 | 12 | 11 | 10 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |



A player starts his counter on 0, rolls a normal die and moves that number of spaces.

Rules:

1. If you land on a square number you move forward to the next square number.
2. If you land on a prime number you move back to the previous prime number. (If you land on 2 you move back to 0)

When they played the following happened

* Ben rolled first and moved three times as far as Wasim.
* In fact after every go Ben was 3 times as far as Wasim.
* After 5 turns each Ben’s score was 36.

**What 5 numbers did Ben roll?**