# Powers, roots and BIDMAS

Answers

**KS3 Maths topic practice**

This topic online

| Q | Answer | Marks |
|---|---|---|
| 1 | 36 | 1 |
| 2 | 9 | 1 |
| 3 | **a)** 34 and 58 **b)** 37 and 59 | 2 |
| 4 | **a)** 15, 21, 36, 55 **b)** 36, 49, 64, 100 **c)** 27, 64, 125 | 3 |
| 5 | 23 | 1 |
| 6 | **a)** 13 **b)** 5 **c)** 7 and 8 | 3 |
| 7 | **a)** 12.167 **b)** 4.2 **c)** 2187 | 3 |
| 8 | 29 | 2 |
| 9 | **a)** open: the amount added increases by 1 each time (add 2, add 3, add 4, ...)<br>**b)** 21 and 28 | 3 |
| 10 | **a)** 22 **b)** 7 | 3 |
| 11 | **a)** 1 + 3 + 5 + 7 + 9 = 25 **b)** square numbers **c)** 100 | 3 |
| 12 | **a)** 10 **b)** 14 **c)** 35 | 3 |

Full worked solutions, written out by hand, are on the solutions sheet for this topic.


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