Set notation: subsets and n(A)

Answers

GCSE Maths topic practice

This topic online

Q	Answer	Marks
1	**a)** {3, 6, 9, 12} **b)** no **c)** 4	3
2	**a)** {1, 4, 9} **b)** {2, 3, 5, 6, 7, 8, 10} **c)** 7	3
3	**a)** {3, 4, 5, 6, 7} **b)** {-4, -3, -2, -1, 0, 1, 2, 3, 4} **c)** 2	3
4	**a)** {2} **b)** {3, 5, 7, 11} **c)** {1, 9}	3
5	∅, {3}, {7}, {9}, {3, 7}, {3, 9}, {7, 9}, {3, 7, 9} (8 subsets)	3
6	**a)** yes **b)** yes **c)** no	3
7	**a)** 5 **b)** {12, 15} **c)** 10 **d)** 6	4
8	**a)** 25 **b)** 7	3
9	**a)** 16 **b)** 22	4
10	**a)** {-5, -4, 4, 5} **b)** 6 **c)** {-5, -4} **d)** yes	5

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

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