

Answer keys: MK 2015, Level 6 (Grades 11-12)

1. E Andrea was born sometime in ...
2. A $\sqrt{(a - b)^3 + (b - c)^3}$...
3. A How many real solutions has ...
4. A Diana produces a bar chart ...
5. D If you add all the ...
6. D How many of the following ...
7. B A quadrilateral is called convex ...
8. E A drinking glass is made ...
9. C The diameters of three semi-circles ...
10. B A square bit of paper ...
11. C $\sqrt{\sqrt{2015} + \sqrt{2015}} + (\sqrt{2015} + \sqrt{2015})$...
12. D The x-axis and the graph ...
13. E Ella wants to write a ...
14. C We know the following about ...
15. B The geometric mean of n ...
16. A The diagram shows three concentric ...
17. C In the past 20 years ...
18. C Bibi rolls a die which ...
19. C There are 2015 marbles in ...
20. A On a standard die the ...
21. D Statements (A) - (E) are ...
22. A The curve in the diagram ...
23. D The following table is the ...
24. C How many regular n-sided shapes ...
25. E How many three-digit whole numbers ...
26. D How many different triangles ABC ...
27. C In the rectangle ABCD pictured, ...
28. B On a board there are ...
29. D The 96 members of a ...
30. D Independently from each other Bill ...

Useful links

1. Math Kangaroo resources: <https://boo9.com/resources/math-kangaroo>
2. Practice online (automated grading) @ <https://boo9.com/practice>
3. View these questions online @ [click here](#)
4. Video solution (all problems this set): [coming soon ...]
5. Playlist (all videos this level): [click here](#)



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