

Answer keys: MK 2009, Level 5 (Grades 9-10)

1. **E** Which of the following number ...
2. **C** What is the minimum number ...
3. **A** 2009 people are taking part ...
4. **B** Harry does his paper round ...
5. **D** The product of four different ...
6. **C** What is the value of ...
7. **D** A long number is build ...
8. **C** The diagram on the right ...
9. **B** For how many positive whole ...
10. **B** The area of the shown ...
11. **E** Leonhard made up a sequence ...
12. **B** In the triangle illustrated one ...
13. **E** Maria can achieve 0, 1, ...
14. **B** The "Borromaic Rings" have an ...
15. **C** On the island of the ...
16. **C** If and , then x ...
17. **E** The centres of the four ...
18. **C** The difference of \sqrt{n} and ...
19. **D** Friday writes different positive whole ...
20. **A** There are three great circles ...
21. **C** How many Os have to ...
22. **C** How many 10-digit numbers exist ...
23. **E** If $a = 2^{25}$, b ...
24. **C** All factors of a number ...
25. **B** Kangoo has 2009 unit dice ...
26. **A** Robert wants to place stones ...
27. **C** A number of oranges, peaches, ...
28. **B** What is the smallest whole ...
29. **A** A kangaroo is sitting in ...
30. **D** A single digit prime number ...

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](#)

