Answer keys: MK 2012, Level 5 (Grades 9-10)

1. **E** Which of the shapes to ...
2. **C** 11.111 - 1.1111
3. **A** A wristwatch was laid on ...
4. **D** M and N are the ...
5. **E** To the number 6 we ...
6. **D** A cuboid is formed from ...
7. **A** The digit sum of a ...
8. **B** ABC is a right-angled triangle ...
9. **C** The quadrilateral ABCD with side ...
10. **E** Alice and Bob send each ...
11. **D** In four of the following ...
12. **C** When Adam stands on a ...
13. **D** When the numbers 144 and ...
14. **B** Tom and Mary play a ...
15. **C** One of the two sides ...
16. **D** On each of the four ...
17. **B** The diagram shows a right-angled ...
18. **E** How many numbers from 1000 ...
19. **B** A number from 1 to ...
20. **D** The runners Kann, Gu and ...
21. **D** Two sides of a quadrilateral ...
22. **A** A goldsmith has 12 double-links ...
23. **D** Peter wrote the number 2012 ...
24. **C** What is the last non ...
25. **D** A rectangle ABCD with dimensions ...
26. **A** It takes 8 seconds for ...
27. **B** The shape pictured, is made ...
28. **C** Of 5 lamps each one ...
29. **B** The natural numbers from 1 ...
30. **A** Positive numbers were written in ...

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