Answer keys: MK 2012, Level 4 (Grades 7-8)

1. **B** Three bars of chocolate cost ...
2. **D** 11.11 - 1.111 =
3. **A** wristwatch lies on the table ...
4. **E** Eva has a pair a ...
5. **A** The digit sum of a ...
6. **C** A dragon has 5 heads. ...
7. **C** Each of the nine paths ...
8. **D** One vertex of the triangle ...
9. **D** Werner folds a piece of ...
10. **D** A cuboid consists of three ...
11. **C** From the digits 1, 2, ...
12. **C** Ms. Green plants peas ("Erbsen") ...
13. **B** Barbara wants to complete the ...
14. **C** The diagram shows a five-pointed ...
15. **C** Take four cards and on ...
16. **A** How many natural numbers n ...
17. **E** In which of the following ...
18. **D** Three equally sized equilateral triangles ...
19. **C** The lazy tomcat Garfield observes ...
20. **E** At an airport there is ...
21. **D** Initially the side length of ...
22. **B** The diagram shows the 7 ...
23. **E** Stefan has 5 dice in ...
24. **D** In a square ABCD M ...
25. **B** Tango is being danced in ...
26. **D** David wants to place the ...
27. **D** Wanted are all three-digit numbers ...
28. **E** There are 30 chapters in ...
29. **C** A piece of string is ...
30. **C** Three lines disect a big ...

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