

## 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 dissect 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](#)



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