

Answer keys: MK 2011, Level 5 (Grades 9-10)

1. B A zebra crossing has alternating ...
2. C The area of the grey ...
3. D Given are the following expressions ...
4. A In the picture on the ...
5. E If 2011 is divided by ...
6. C A rectangle with area $\sqrt{360}$...
7. D All four-digit numbers whose digit ...
8. C The two bold lines on ...
9. C Given are a regular hexagon ...
10. E In the picture on the ...
11. B In a certain month there ...
12. B Three racers take part in ...
13. A How big is n , if ...
14. B I have got two cubes ...
15. C A marble of radius 15 ...
16. D The cells of the $\sqrt{4}$...
17. D What is the biggest number ...
18. D Nick wants to write whole ...
19. C Jan cannot draw very accurately ...
20. B In the triangle WXY points ...
21. C Simon has a cube with ...
22. C The five-digit number $\sqrt{(abcde)}$ is ...
23. B The numbers x and y ...
24. C Given is a regular tetrahedron ...
25. B Three big boxes P, Q ...
26. D How many ordered pairs of ...
27. B For a positive whole number ...
28. C The two circles shown on ...
29. C In how many ways can ...
30. E Determine all n ($1 \leq n \leq 10$) ...

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](#)



© boo9 inc. | <https://boo9.com> | <https://www.youtube.com/@boo9X>