

## Answer keys: MK 2025, Level 6 (Grades 11-12)

1. B The number of the year ...
2. B Mike obtains a number  $x$  ...
3. D Vasily has 20 balls. Each ...
4. D Which interval contains the value ...
5. C Which of the following expressions ...
6. A The pictures shown are the ...
7. A A student throws five stones ...
8. C Silvia's favourite chocolate bars are ...
9. C ABCD is a rectangle (see ...)
10. E In the xy plane, some ...
11. D Robert wants to choose four ...
12. E Among 10 different given positive ...
13. A In the diagram we see ...
14. C A student draws the graphs ...
15. E When Grandma started knitting wool ...
16. B We consider a giant  $\sqrt[4]{4}$  ...
17. A The five-digit number  $\overline{N18NN}$  is ...
18. D The area of the black ...
19. B Three square Martians and three ...
20. D Points B and C lie ...
21. B Four circular discs with radii ...
22. C On the map shown on ...
23. E What is the smallest positive ...
24. D Fritz fills out a table ...
25. D John writes a two-digit number ...
26. C Julia and her little sister ...
27. B In the diagram we see ...
28. B In the picture we see ...
29. D Patricia has written a number ...
30. C Mike has three bags. Each ...

### 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>