

# 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  $\sqrt[4]{}$  ...
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](#)

