

# Answer keys: MK 2021, Level 5 (Grades 9-10)

1. C [ [video](#) ] Each year, the third Thursday ...
2. B [ [video](#) ] Jenny looks at her weather ...
3. B [ [video](#) ] A park is shaped like ...
4. B [ [video](#) ] Six rectangles are arranged as ...
5. B [ [video](#) ] The halftime score of a ...
6. C [ [video](#) ] In a jazz band, Giuseppe ...
7. C [ [video](#) ] Six congruent rhombuses, each of ...
8. C [ [video](#) ] A rectangle with perimeter 30 ...
9. D [ [video](#) ] Ally drew 3 triangles on ...
10. E [ [video](#) ] The little kangaroo has chosen ...
11. B [ [video](#) ] Tom had ten sparklers of ...
12. C [ [video](#) ] Ahmad walks up 8 steps ...
13. A [ [video](#) ] The numbers from 1 to ...
14. A [ [video](#) ] 2021 has a remainder of ...
15. A [ [video](#) ] The figure shows a semicircle ...
16. E [ [video](#) ] In a team competition, there ...
17. E [ [video](#) ] Five cars participated in a ...
18. C [ [video](#) ] A  $3 \times 3$  square initially has ...
19. C [ [video](#) ] What is the sum of ...
20. E [ [video](#) ] There are eight boxes in ...
21. E [ [video](#) ] An ant climbs from C ...
22. B [ [video](#) ] The numbers  $a$ ,  $b$  and ...
23. A [ [video](#) ] Let  $N$  be the smallest ...
24. E [ [video](#) ] Three boys played a "Word" ...
25. B [ [video](#) ] The smaller square in the ...
26. D [ [video](#) ] Each of the numbers  $a$  ...
27. D [ [video](#) ] In the  $4 \times 4$  ...
28. D [ [video](#) ] How many five-digit positive numbers ...
29. C [ [video](#) ] Christina has eight coins whose ...
30. D [ [video](#) ] 2021 balls are arranged in ...

## Useful links

- Math Kangaroo resources: <https://boo9.com/resources/math-kangaroo>
- Practice online (automated grading) @ <https://boo9.com/practice>
- View these questions online @ [click here](#)
- Video solution (all problems this set): [click here](#)
- Playlist (all videos this level): [click here](#)

