

# Answer keys: MK 2021, Level 4 (Grades 7-8)

1. A [ [video](#) ] Which of the following symbols ...
2. E [ [video](#) ] The figure shows three concentric ...
3. D [ [video](#) ] What is the value of ...
4. B [ [video](#) ] How many four-digit numbers have ...
5. A [ [video](#) ] When the 5 pieces are ...
6. A [ [video](#) ] Each of the five vases ...
7. B [ [video](#) ] A student correctly added the ...
8. E [ [video](#) ] A cube  $3 \times 3 \times 3$  is made ...
9. B [ [video](#) ] A bike lock has four ...
10. E [ [video](#) ] Byron is 5cm taller than ...
11. D [ [video](#) ] A rectangular chocolate bar is ...
12. E [ [video](#) ] A jar one fifth filled ...
13. C [ [video](#) ] The area of the large ...
14. B [ [video](#) ] Costa is building a new ...
15. D [ [video](#) ] Five identical right-angled triangles can ...
16. C [ [video](#) ] Five squares are positioned as ...
17. B [ [video](#) ] There are 20 questions in ...
18. C [ [video](#) ] A rectangular strip of paper ...
19. E [ [video](#) ] A box of fruit contains ...
20. C [ [video](#) ] Three villages are connected by ...
21. E [ [video](#) ] 5 friends talk about their ...
22. C [ [video](#) ] In a particular fraction the ...
23. D [ [video](#) ] A triangular pyramid is built ...
24. B [ [video](#) ] The 6-digit number 2ABCDE is ...
25. B [ [video](#) ] A box contains only green, ...
26. B [ [video](#) ] 2021 coloured kangaroos are arranged ...
27. C [ [video](#) ] A  $3 \times 4 \times 5$  cuboid consists of ...
28. D [ [video](#) ] In a town there are ...
29. A [ [video](#) ] In a tournament each of ...
30. C [ [video](#) ] The diagram shows a quadrilateral ...

## 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](#)

