

Answer keys: MK 2024, Level 6 (Grades 11-12)

1. C The angles in a triangle ...
2. C A tile pattern is made ...
3. C Which of the following numbers ...
4. E A kangaroo cuts a pizza ...
5. D Julia has the strange habit ...
6. D Kaito has manipulated a die. ...
7. A Which of the following expressions ...
8. B There are 6 coins on ...
9. B Noah starts with the number ...
10. B There are black and dashed ...
11. E John has black and white ...
12. A In a square with side ...
13. C The diagram shows four squares ...
14. A We are given two positive ...
15. C The following shape is composed ...
16. E How many three-digit numbers are ...
17. D A teacher writes the 7 ...
18. C A beaver wants to colour ...
19. C We know of a positive ...
20. A Two candles of equal length ...
21. C A three-sided pyramid has edges ...
22. D A quadrilateral ABCD has two ...
23. D We have 6 cards and ...
24. B I have a four-digit number ...
25. A The diagram shows an object ...
26. D Sylvia has several fair 12-sided ...
27. A It is known that the ...
28. E A function $f: \mathbb{R} \rightarrow \mathbb{R}$...
29. B A special four-digit number \overline{abcd} ...
30. A A game board is composed ...

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 @ [coming soon ...]
4. Video solution (all problems this set): [coming soon ...]
5. Playlist (all videos this level): [click here](#)

