

# Answer keys: MK 2023, Level 4 (Grades 7-8)

1. **E** The diagram shows a grid ...
2. **A** Which of the following shapes ...
3. **A** A dark disc with two ...
4. **B** John throws 150 coins onto ...
5. **C** Kristina has a piece of ...
6. **D** A grid should be cut ...
7. **B** The diagram shows the starting ...
8. **B** Werner wants to label each ...
9. **D** Anna has five circular discs ...
10. **E** Evita wants to write the ...
11. **E** Dorli writes down three consecutive ...
12. **C** The diagram shows 5 equally ...
13. **B** Some edges of a cube ...
14. **C** The digits 0 to 9 ...
15. **E** The side lengths of a ...
16. **B** Some kangaroos and three beavers ...
17. **D** Tom, John and Lily have ...
18. **D** Max and two of his ...
19. **B** Two rays starting in S ...
20. **A** The sum of 2023 consecutive ...
21. **D** The diagram shows a grey ...
22. **C** Snow White organises a chess ...
23. **D** The shown triangle  $ABC$  is ...
24. **C** An ant walks along the ...
25. **C** Elisabeth wants to write the ...
26. **B** Several mice live in three ...
27. **E** Bart wrote the number 1015 ...
28. **A** A regular hexagon is split ...
29. **A** Jakob wrote six consecutive numbers ...
30. **C** A rugby team scored 24, ...

## 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](#)
- Playlist (all videos this level): [click here](#)

