

Answer keys: MK 2022, Level 5 (Grades 9-10)

1. **D** [[video](#)] What is $\frac{20 \times 22}{2+0}$...
2. **B** [[video](#)] Karo has a box of ...
3. **A** [[video](#)] An equilateral triangle with side ...
4. **C** [[video](#)] Various symbols are drawn on ...
5. **C** [[video](#)] Karin places tables of size ...
6. **B** [[video](#)] I am smaller than my ...
7. **B** [[video](#)] The midpoints of both longer ...
8. **C** [[video](#)] Sonja's smartphone displays the diagram ...
9. **A** [[video](#)] In the multiplication grid displayed, ...
10. **B** [[video](#)] There are 5 people to ...
11. **D** [[video](#)] Five squares and two right-angled ...
12. **D** [[video](#)] 2022 tiles are placed in ...
13. **B** [[video](#)] The diagram shows three big ...
14. **D** [[video](#)] A bee called Maja wants ...
15. **E** [[video](#)] The sum of two positive ...
16. **A** [[video](#)] The rectangle $ABCD$ is made ...
17. **A** [[video](#)] A rabbit and a hedgehog ...
18. **C** [[video](#)] The grandchildren ask their grandma ...
19. **C** [[video](#)] There are three paths running ...
20. **E** [[video](#)] The diagram shows a square ...
21. **D** [[video](#)] Once I met six sisters ...
22. **B** [[video](#)] Veronika wears five rings as ...
23. **B** [[video](#)] One square is drawn inside ...
24. **C** [[video](#)] In a certain city the ...
25. **C** [[video](#)] Twelve weights have integer masses ...
26. **E** [[video](#)] The diagonals of the squares ...
27. **D** [[video](#)] The product of the digits ...
28. **A** [[video](#)] Consider the five circles with ...
29. **D** [[video](#)] Eight teams take part in ...
30. **C** [[video](#)] A hemispheric hole is carved ...

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](#)

