Answer keys: MK 2019, Level 5 (Grades 9-10)

1. **D** $20 \times 19 + 20$ ...
2. **B** A model railway goes round ...
3. **E** A barber wants to write ...
4. **C** How many different sums of ...
5. **B** Five identical measuring jugs are ...
6. **B** A park has five entrances. ...
7. **C** The individual masses (in kg) ...
8. **B** Which of the following statements ...
9. **A** Inside a unit square a ...
10. **B** Julia reads a book whose ...
11. **B** Three five-digit numbers are written ...
12. **C** Anna, Bella, Claire, Dora, Erika ...
13. **C** The vertices of a square ...
14. **C** The numbers a, b, c ...
15. **E** The flag of Kanguria is ...
16. **B** A 3 \(\times\) 2 rectangle ...
17. **D** A triathlon consists of three ...
18. **B** A 1-liter-bottle of syrup is ...
19. **A** The diagram consists of three ...
20. **C** The sum of the seven ...
21. **C** If one of the digits ...
22. **D** 60 apples and 60 pears ...
23. **E** The diagram shows the net ...
24. **A** Two vertices of a square ...
25. **E** Two points are marked on ...
26. **B** The integers from 1 to ...
27. **D** How many planes exist that ...
28. **C** A graph consists of 16 ...
29. **C** The numbers \(a\), \(b\) and ...
30. **B** What is the minimum number ...

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