Answer keys: MK 2020, Level 5 (Grades 9-10)

1. **C** When the results of the ...
2. **D** Who is the mother of ...
3. **B** When Cosme correctly wears his ...
4. **B** Four integer numbers have sum ...
5. **D** Maria has ten pieces of ...
6. **B** In the addition beside, different ...
7. **E** The figures for the year ...
8. **E** There are several figures that ...
9. **D** Four points were marked on ...
10. **E** Martinho made a bicolor kite ...
11. **A** Adam, Breno and Carlos live ...
12. **C** Integers a, b, c and ...
13. **D** The shortest way from Atown ...
14. **D** Two isosceles triangles not similar ...
15. **A** Toninho wants to write strictly ...
16. **D** Marta observed that the number ...
17. **E** Two circles are tangent to ...
18. **A** Roberto and Maria leave at ...
19. **B** Let $17x + 51y = ...$
20. **D** Ana plays with $n \times n$ boards ...
21. **A** The next window is a ...
22. **A** Julia puts the nine chips ...
23. **E** A rectangular sheet with one ...
24. **C** Carlos always tells the truth ...
25. **E** Julia wrote four positive integers, ...
26. **E** Pedro assembled a cube using ...
27. **B** Ana wants to write positive ...
28. **C** A large rectangular plot is ...
29. **D** The number $K = 9999$ ...
30. **E** On the 8×8 ...

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