

Answer keys: MK 2018, Level 5 (Grades 9-10)

1. **C** Every child in my family ...
2. **C** The rings shown are partially ...
3. **C** In a triangle one side ...
4. **C** The distance between the top ...
5. **E** The sum of 5 consecutive ...
6. **A** In the three regular hexagons ...
7. **B** Maria wants to divide 42 ...
8. **B** In the (correct) calculation shown, ...
9. **A** How big is the sum ...
10. **B** In the diagram shown, you ...
11. **D** The entrances of two student ...
12. **D** 105 numbers are written in ...
13. **B** Eight congruent semi-circles are drawn ...
14. **E** On one particular day there ...
15. **B** At a humanistic university you ...
16. **A** Peter wants to buy a ...
17. **D** How many three-digit numbers are ...
18. **E** How often does the summand ...
19. **D** How many digits has the ...
20. **A** In a regular 2018-sided shape ...
21. **B** Some whole numbers are written ...
22. **C** Given are four positive numbers. ...
23. **E** The points $\{A_0, A_1, A_2, \dots\}$
24. **C** Two concentric circles with radii ...
25. **D** A number is to be ...
26. **D** Diana draws a rectangle made ...
27. **A** Seven little dice were removed ...
28. **D** Every number of the set ...
29. **C** Ed forms a big die ...
30. **D** Two chords $\{AB\}$ and $\{AC\}$...

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](#)

