

# Answer keys: MK 2016, Level 5 (Grades 9-10)

1. **D** The arithmetic mean of four ...
2. **B** Which of the following numbers ...
3. **D** Ruth takes part in the ...
4. **A** Five points are given in ...
5. **B** If a positive whole number ...
6. **D** 2016 hours are how many ...
7. **C** Lukas invents his own notation ...
8. **D** I have some unusual dice. ...
9. **B** Step by step the word ...
10. **E** Sven writes five different single-digit ...
11. **D** For the real numbers  $a$ , ...
12. **A** A  $3 \times 3$  field ...
13. **E** A knock-out tennis tournament is ...
14. **C** What percentage of the area ...
15. **B** [ [video](#) ] Jilly makes up a multiplication ...
16. **E** Jack wants to keep six ...
17. **C** Peter wants to colour in ...
18. **D** Eight cards with the numbers ...
19. **B** In the diagram we see ...
20. **A** In an enclosure there are ...
21. **C** A creeping plant twists exactly ...
22. **C** What is the biggest remainder ...
23. **B** We consider a  $5 \times$  ...
24. **E** A motorboat drives in the ...
25. **A** In the Kangaroo Republic, every ...
26. **A** Two heights of a triangle ...
27. **C** Jakob writes down four consecutive ...
28. **A** Four sportswomen and sportsmen are ...
29. **B** A date can be written ...
30. **D** Exactly 2016 people are taking ...

## 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](#)

