

# Answer keys: MK 2010, Level 5 (Grades 9-10)

1. **D** What is the result when ...
2. **D** Ivan gains 85% of the ...
3. **C** Which number goes in the ...
4. **B** The object pictured is made ...
5. **D** On each birthday Rosa gets ...
6. **E** Six points are marked on ...
7. **A** In the picture opposite we ...
8. **D** Brigitte goes on holiday to ...
9. **C** In a box are 50 ...
10. **E** Which of the numbers a, ...
11. **A** In the figure, ABCE is ...
12. **D** A paperstrip is folded three ...
13. **C** My teacher says that the ...
14. **D** How big is the angle ...
15. **B** How many whole numbers are ...
16. **B** In the diagram one should ...
17. **E** In one month three Tuesdays ...
18. **C** A circle of radius 4 ...
19. **D** Five students carry out a ...
20. **B** A triangle is folded along ...
21. **C** In front of a supermarket ...
22. **A** The big equilateral triangle consists ...
23. **C** Lines drawn parallel to the ...
24. **C** For how many integers  $n$  ...
25. **B** Six-legged, seven-legged and eight-legged octopuses ...
26. **D** In the figure  $\alpha =$  ...
27. **A** In a sequence the first ...
28. **C** Along each side of a ...
29. **E** How many three-digit numbers have ...
30. **E** A barcode as pictured is ...

## 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](#)

