

## Answer keys: MK 2013, Level 4 (Grades 7-8)

1. D Triangle ABC is equilateral and ...
2. D We know that  $\frac{1111}{101} = \dots$
3. A In sea water the ratio ...
4. C Melanie has a square piece ...
5. B Matthias catches fish. If he ...
6. E A sack contains marbles in ...
7. C Alex lights a candle every ...
8. C Marie calculates the average number ...
9. A Tom and Laura stand directly ...
10. C For the positive whole numbers ...
11. E Anne plays 'sink the ship' ...
12. E In the diagram pictured,  $\alpha$  ...
13. B The perimeter of a trapezium ...
14. C The five shapes pictured were ...
15. B Willi wrote down a few ...
16. A Aron, Ben and Carl always ...
17. A All four digit positive numbers, ...
18. E In the 8  $\times$  6 ...
19. B Andi, Berti, Christa, Doris and ...
20. C Johann stacked 1  $\times$  1 ...
21. E Ralf wants to say a ...
22. A The sides of the rectangle ...
23. B On a sheet of paper ...
24. C Robert chose a five digit ...
25. C A gardener wants to plant ...
26. B In the finishing order of ...
27. B A sequence of numbers begins ...
28. D Dad made 6 pancakes, one ...
29. B Each of the 4 vertices ...
30. A Four cars drive into a ...

### 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](#)



© boo9 inc. | <https://boo9.com> | <https://www.youtube.com/@boo9X>