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

1. **D** Triangle ABC is equilateral and ...
2. **D** We know that $\dfrac{1111}{101} = $ ...
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, α ...
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