Answer keys: MK 2013, Level 5 (Grades 9-10)

1. **D**   Which of the numbers is ...
2. **C**   Maria has six equally big ...
3. **C**   Mrs. Maisl buys four pieces ...
4. **C**   The product of three numbers ...
5. **A**   On a square grid made ...
6. **E**   If you add (4^{15}) and ...
7. **E**   A cube is coloured on ...
8. **C**   The number n is the ...
9. **D**   In a drawing we can ...
10. **C**   Which of the following numbers ...
11. **D**   Triangle RZT is generated by ...
12. **B**   The figure on the right ...
13. **D**   A and B are opposite ...
14. **D**   A class has written a ...
15. **D**   The sides of the rectangle ...
16. **A**   Today is Hans' and his ...
17. **A**   Tarzan wanted to draw a ...
18. **C**   Five consecutive positive integers have ...
19. **D**   How many different ways are ...
20. **E**   Given a six-digit number whose ...
21. **C**   How many decimal places are ...
22. **C**   The date 2013 is made ...
23. **D**   We are looking at rectangles ...
24. **E**   "Sum change" is a procedure ...
25. **A**   Let Q be the number ...
26. **B**   Using the numbers 1, 2, ...
27. **C**   Any three vertices of a ...
28. **C**   A car starts in point ...
29. **B**   100 trees (oaks and birches) ...
30. **B**   A positive integer N 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