Answer keys: MK 2014, Level 4 (Grades 7-8)

1. **D** The Mathematical Kangaroo takes place ...
2. **D** How many quadrilaterals of any ...
3. **A** What is the answer to ...
4. **B** The area of rectangle ABCD ...
5. **E** The product of two natural ...
6. **E** Wanda has lots of pages ...
7. **B** A bucket is filled halfway ...
8. **E** George builds the sculpture shown ...
9. **B** Which of the following sums ...
10. **D** Gray and white pearls are ...
11. **E** Max has a one hour ...
12. **B** Five circles each with an ...
13. **C** A grandmother, her daughter and ...
14. **E** 5 congruent rectangles are positioned ...
15. **E** In the following figure, the ...
16. **C** In triangle ABC (see sketch) ...
17. **B** Six boys live together in ...
18. **E** The sides of a rectangle ...
19. **D** Captain Sparrow and his pirates ...
20. **A** The average value of two ...
21. **E** Andy fills a $3 \times$ ...
22. **D** A set of scales does ...
23. **B** The quadrilateral ABCD has right ...
24. **D** Jan and Eva undertake a ...
25. **C** David cycles from Edinburgh to ...
26. **A** Four identical cubes (see diagram) ...
27. **B** A group of 25 people ...
28. **C** Lots of different positive whole ...
29. **A** On a pond 16 lilly ...
30. **B** A 5×5 square ...

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