

## 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  $\sqrt{3}$  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  $5 \times 5$  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](#)



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