

Answer keys: MK 2009, Level 6 (Grades 11-12)

1. E There are 200 fish in ...
2. A Which of the following numbers ...
3. B For how many positive whole ...
4. C Mari, Ville and Ossi are ...
5. C The diagram on the right ...
6. D The circles $\backslash(k_1)$ (with centre ...
7. D In a draw there are ...
8. E The square in the diagram ...
9. D Each side of a triangle ...
10. D In the diagram on the ...
11. B A (very small) ball is ...
12. B In a group of 2009 ...
13. B In the diagram to the ...
14. C On the island of the ...
15. E Determine the unit digit of ...
16. A An equilateral triangle with side ...
17. A The adjacent diagram illustrates the ...
18. D 100 students take an exam ...
19. D In the diagram on the ...
20. D The sum of the number ...
21. D Two runners each run with ...
22. C Let Z be the amount ...
23. C How many 10-digit numbers exist ...
24. B For how many whole numbers ...
25. B 55 pupils are taking part ...
26. A In a rectangle JKLM the ...
27. B If $\backslash(k = \frac{a}{b} + \dots)$
28. C The number 1, 2, 3, ...
29. B Samantha and her three sisters ...
30. B A sequence of whole numbers ...

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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