

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 $\odot K_1$ (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 $k = \frac{a}{b} + \dots$
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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