

ANSWER KEY FOR
ARYABHATTA INTER-SCHOOL MATHS COMPETITION – 2013

Class - VIII

SECTION - A

1. (c)
2. (b)
3. (c)
4. (b)
5. (a)
6. (b)
7. (b)
8. (d)
9. (b)
10. (c)

SECTION - B

11. (c)
12. (a)
13. (a)
14. (d)
15. (a)
16. (b)
17. (c)
18. (b)
19. (a)
20. (b)
21. (c)
22. (d)

NOTE: This answer key is created by KoolSmartLearning.com for reference purpose.

- 23. (b)
- 24. (c)
- 25. (c)
- 26. (b)
- 27. (c)
- 28. (a)
- 29. (d)
- 30. (b)

SECTION - C

- 31. $(3x - a - b)(3x - a + b)$
- 32. 7
- 33. 26.25 cm
- 34. ₹ 97
- 35. 50°
- 36. 50 cm^2
- 37. 100
- 38. 12
- 39. 29 ft
- 40. 22 years
- 41. 300%
- 42. 99960
- 43. 36000
- 44. 25
- 45. 162
- 46. 1
- 47. 125m
- 48. 1350 pages
- 49. 10
- 50. 7 cm

SECTION - D

- 51. 9.2 cm(without round off) or 9.3cm (with round off)
- 52. 30 days
- 53. 21 lakhs
- 54. 9:1
- 55. $24.81\pi \text{ cm}^2$
- 56. 56 years
- 57. 8%
- 58. 77 cm^2
- 59. 2541
- 60. 1.6m

KSL