

ANSWER KEY FOR
ARYABHATTA INTER-SCHOOL MATHS COMPETITION – 2008-09

Class - V

PART – 1 (Arithmetic)

1. $9+8+7+6+5+4+3+2+1$

2. 2

3. $\frac{5}{12}$

4. $\frac{24}{10}, \frac{12}{5}$

5. hectometer

6. 29

7. $\frac{13}{50}$

8. 15.4 km or 15400 m

9. 2179584

10. 1, 2, 4, 19, 38, 76

11. 12

12. 2

13. 10

14. 133

15. 16

16. XVII DLXVIII

17. 10

18. 31

19. 166.67 m/min

20. (a) Train 2

(b) Train 1

(c) Train 2

(d) Train 2

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

21. 12

22. 17

23. ₹ 54.89

24. $11\frac{3}{4}$

PART – B (Geometry)

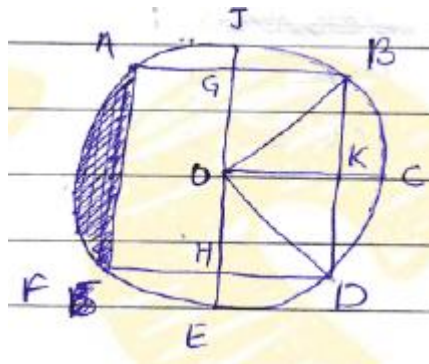
1. 35 triangles
2. 28 cm^2
3. (a) exterior
(b) 180°
(c) opposite interior angles
(d) 360°
(e) chord
(f) m^3
(g) 135°
(h) $40^\circ, 80^\circ ; 30^\circ, 90^\circ$
(i) 1 circle
(j) 4 right angles

4. 155°
5. 48 cm^2
6. (a) INJF
(b) INJM
(c) ABOH
(d) IJFV
(e) $\triangle BIH$
(f) ABJFGHS
(g) $\angle BIO$

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- (h) $\angle OIA$
- (i) 65°
- (j) 180°

7. (a) Arc AJBC
 (b) 18
 (c) 24 cm
 (d) 315°
 (e) 44cm
 (f) 7cm



(g)