



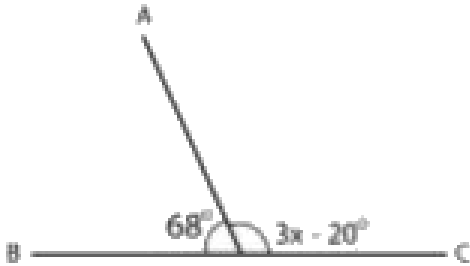
MATHS

BOOKS - HT Olympiad Previous Year Paper

SAMPLE PAPER 4 (CLASS VII)

Section A Mathematics

1. What is the value of "x" ?



A. 44°

B. 75°

C. 95°

D. 65°

Answer: A



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2. A man goes 15 m due west and then 8 m due north. How far is he from the starting point?

A. 23 m

B. 17 m

C. 20 m

D. 7 m

Answer: B



3. Simplify the following:

$$2 - 4^2$$

A. -2

B. -14

C. 14

D. -6

Answer: B



4. What is the range of the following set of data?

10, 1, 4, 3, 4.4, 5.1, 1.1, 9?

A. 12

B. 9

C. 12.4

D. 14.4

Answer: B



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5. Solve for n when $3n - 2 = 25$

A. 9

B. 2

C. 4

D. none of the above

Answer: A



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6. Simplify the expression:

$$(a^2bx + bc) / (a^2bx + bc - 1 + 1)$$

A. 1

B. $(ax + 1) / bc$

C. -1

D. none of the above

Answer: A



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7. Which of the following is a rational number between $1/2$ and $-1/2$:

A. $6/5$

B. $1/4$

C. $2/1$

D. 1

Answer: B



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8. A rectangular field has a length of 280 m, and a width of 114 m. Find the cost of applying the fencing if the cost is Rs.24 per meter.

A. Rs. 20,912

B. Rs. 17,658

C. Rs.19,812

D. Rs. 18,912

Answer: D



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9. Simplify the equation and find value of p

$$(p - 2) / 3 = \{(p - 1) / 4\} + 1$$

A. P=17

B. P=12

C. P=14

D. P=18

Answer: A



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10. Solve the following:

$$(-225) \div 5 = ?$$

A. 45

B. -45

C. 15

D. -25

Answer: B



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