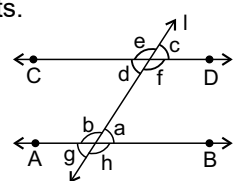


EVERYDAY MATHEMATICS

- 11.** Kartik can throw a ball $50\frac{3}{5}$ metres high. Ayan can throw the same ball $48\frac{1}{3}$ metres high. How much farther can Kartik throw the ball than Ayan?
- (A) $2\frac{2}{15}$ m (B) $2\frac{4}{15}$ m
 (C) $2\frac{3}{5}$ m (D) $2\frac{4}{5}$ m
- 12.** In a parking lot, 1 out of every 8 cars is blue. What percent of the cars in this lot are blue?
- (A) 1.25% (B) 7%
 (C) 9% (D) 12.5%
- 13.** A duck flew at speed of 18 km per hour for 3 hours, then at speed of 15 km per hour for 2 hours. How far did the duck fly in all? $\left(\text{Speed} = \frac{\text{Distance}}{\text{Time}} \right)$
- (A) 69 km (B) 75 km
 (C) 81 km (D) 84 km

ACHIEVERS SECTION

- 14.** In a quiz, 40 prizes consisting of 1st and 2nd prizes only are to be given. 1st and 2nd prizes are worth ₹ 2500 and ₹ 1500, respectively. If the total prize money is ₹ 85,000, then
- (i) The equation formed is
 (ii) The number of 1st prizes are
 (iii) The number of 2nd prizes are
- | | (i) | (ii) | (iii) |
|-----|-------------------------------------|------|-------|
| (A) | $2500x + 1500(40 - x) = 85000$ | 25 | 15 |
| (B) | $2500x - 1500(40 - x) = 85000$ | 36 | 4 |
| (C) | $2500x \times 1500(x - 40) = 85000$ | 20 | 20 |
| (D) | $2500x - 1500(x - 40) = 85000$ | 15 | 25 |
- 15.** Study the given statements.
- Statement - I :** e and h are supplementary angles.
Statement - II : c and g are equal angles.
- 
- Which of the following options is correct?
- (A) Both statement-I and statement-II are true.
 (B) Statement-I is true and statement-II is false.
 (C) Statement-I is false and statement-II is true.
 (D) Both statement-I and statement-II are false.

 SPACE FOR ROUGH WORK

ANSWERS

IMO – 1. (D) 2. (A) 3. (D) 4. (C) 5. (C) 6. (D) 7. (A) 8. (B) 9. (D) 10. (A) 11. (B) 12. (D) 13. (D) 14. (A) 15. (C)