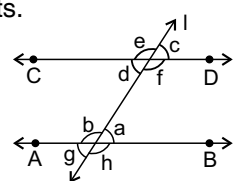




## EVERYDAY MATHEMATICS

- 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 18 km per hour for 3 hours, then at 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 1<sup>st</sup> and 2<sup>nd</sup> prizes only are to be given. 1<sup>st</sup> and 2<sup>nd</sup> 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 1<sup>st</sup> prizes are  
 (iii) The number of 2<sup>nd</sup> 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.

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 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)