

EVERYDAY MATHEMATICS

11. Kartik can throw a ball $50\frac{3}{5}$ m high. Ayan can throw the same ball $48\frac{1}{3}$ m 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

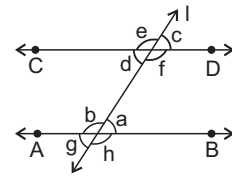
ACHIEVERS SECTION

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

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)