

BCM SCHOOL, BASANT AVENUE, DUGRI, LUDHIANA
ANSWER KEY OCTOBER ASSIGNMENT
CLASS- VI (MATHEMATICS)
TOPICS: THE OTHER SIDE OF ZERO
PERIMETER AND AREA

SECTION –A (MULTIPLE CHOICE QUESTIONS)

1.	(a) 2 times
2.	(b) -6
3.	(a) Both A and R are true and R is the correct explanation of A

SECTION – B(2 MARKS QUESTIONS)

4.	The other number = $240 - (-38)$ $= 240 + 38$ $= 278$
5.	Perimeter of a square = 64 cm Measure of each side = $64 \div 4$ $= 16$ cm

SECTION – C (3 MARKS QUESTIONS)

6.	(a) -8 (b) -9
7.	Number of square tiles required = $\text{Area of rectangular floor} \div \text{Area of square tile}$ $= 12 \text{ m}^2 \div 0.0625 \text{ m}^2$ $= 192$

SECTION – D (5 MARKS QUESTIONS)

8.	(a) Temperature at 5 a.m. = -11°C Temperature at 6 a.m = $-11^\circ \text{C} - 3^\circ \text{C} = -14^\circ \text{C}$ Temperature at 8 a.m = $-14^\circ \text{C} + 5^\circ \text{C} = -9^\circ \text{C}$ Temperature at 9 a.m. = $-9^\circ \text{C} - 3^\circ \text{C} = -12^\circ \text{C}$ (b) $-8 < -6 < -4 < -3 < 0 < 3 < 5 < 6$
9.	Perimeter of park = $2(l + b) = 100$ m Cost of fencing at the rate of ₹ 15 per m = ₹ 1500 Area of garden = $l \times b = 30 \times 20 = 600 \text{ m}^2$ Cost of lying grass @ ₹ 20 per m^2 = ₹ $20 \times 600 = ₹ 12000$

SECTION – E (CASE STUDY)

10.	(a) Area of park ABCD = $l \times b = 45 \times 30 = 1350 \text{ m}^2$ (b) length SR = $45 + 2.5 + 2.5 = 50$ m breadth PQ = $30 + 2.5 + 2.5 = 35$ m (c) perimeter of land PQRS = $2(SR + PQ) = 2(50 + 35)$ $= 170$ cm
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