



**INDIAN SCHOOL MUSCAT
MIDDLE SECTION
SECOND PERIODIC TEST 2018-19
MATHEMATICS – SET A – ANSWER KEY**



CLASS 5

SECTION A - FILL IN THE BLANKS

Q.NO.1

- (a) The place value of 4 in 1.845 is 0.04
- (b) The area of a square with side 9 cm is 81 sq.cm
- (c) The decimal for $7 + 0.07 + 0.007$ is 7.077
- (d) The length of the rectangle whose area = 56 sq.cm and breadth = 8cm is 7 cm
- (e) The quotient of $0.024 \div 6 =$ 0.004

SECTION B-‘1’ MARK QUESTIONS

Q.NO.2

- (a) If $345 \times 12 = 4140$, then find the product of

Ans : (i) $3.45 \times 1.2 =$ 4.14 (ii) $34.5 \times 12 =$ 414

- (b) Find the side of square whose perimeter is 20 cm?

Ans: Side = Perimeter \div 4
= $20 \div 4$
= 5 cm

- (c) Write the decimal for $5\frac{16}{1000}$

Ans: 5.016

- (d) The perimeter of a rectangular park is 50 m. Everyday Radhika jogs 4 rounds around it. Find the distance covered by Radhika?

Ans: $50 \times 4 = 200$ m
Radhika covered 200 m

- (e) Subtract 2.4 from 5

Ans: $5.0 - 2.4 = 2.6$

SECTION - C ('2' MARK EACH – TOTAL (10 MARKS))

Q.NO
3

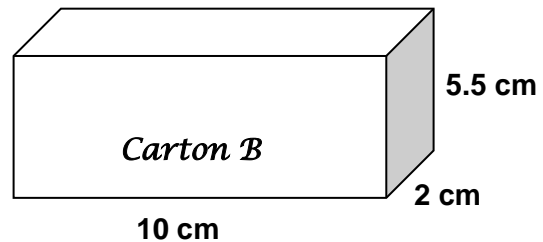
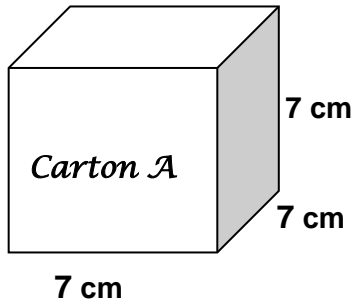
A rectangular field has a length of 68 m and breadth 32 m. Find the cost of fencing the field with a barbed wire at ₹ 4 per m

$$\begin{aligned}\text{Length of the fence} &= \text{Perimeter of the rectangular field} \\ &= 2 \times (\text{length} + \text{breadth}) \text{ unit} \\ &= 2 \times (68 + 32) \text{ m} \\ &= 2 \times 100 \text{ m} \\ &= 200 \text{ m}\end{aligned}$$

$$\begin{aligned}\text{Cost of fencing the rectangular field} &= 200 \text{ m} \times ₹ 4 \\ &= ₹ 800\end{aligned}$$

Ans: The cost of fencing the field is ₹ 800

4 Which carton box has more volume:

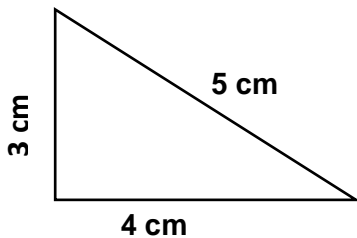


Volume of Carton A = $7 \times 7 \times 7 = 343 \text{ cu.cm}$
Volume of Carton B = $10 \times 2 \times 5.5 = 110 \text{ cu.cm}$
Compare: $343 \text{ cu. cm} > 110 \text{ cu.cm}$
Ans: Carton A has more volume

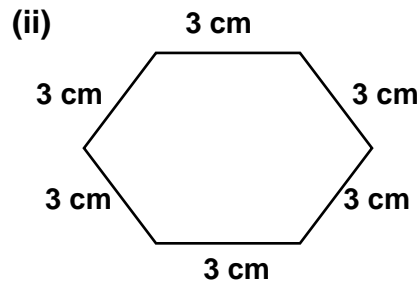
5 A train covers a distance of 176.4 km in 2 hours. Find the distance covered by the train in 5 hours?

$$\begin{aligned}\text{Distance covered in 1 hour} &= 176.4 \div 2 = 88.2 \text{ km} \\ \text{Distance covered in 5 hours} &= 88.2 \times 5 = 441 \text{ km}\end{aligned}$$

6 Find the perimeter of the following figure:
(i)



$$\text{Ans: Perimeter} = 3 + 5 + 4 = 12 \text{ cm}$$



$$\text{Perimeter} = 6 \times 3 = 18 \text{ cm}$$

7 Santosh bought a frisbee for ₹ 25.50 and a hula hoop for ₹ 60.50. He gave a hundred rupee note to the shopkeeper. How much money did the shopkeeper return?

$$\begin{aligned}\text{Total cost of Frisbee and hula hoop} &= ₹ 25.50 + ₹ 60.50 \\ &= ₹ 86\end{aligned}$$

$$\text{Balance amount} = ₹ 100 - ₹ 86 = ₹ 14$$

Ans: The shopkeeper returned ₹ 14

