



ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution



Sub: Arithmetic
Duration: 40 Min

Class: 7
Worksheet Solution 44
CUBE AND CUBOID

Date: 29.06.20
Full Marks: 15

Choose the correct options:

- Q1. Find the total surface area of a cube whose sides are 5 cm
(a) 125 cm^3 (b) **150 cm^2** (c) 100 cm^2 (d) 150 m^2
- Q2. Find the volume of a cube of sides 3 cm
(a) **27 cm^3** (b) 54 cm^2 (c) 36 cm^2 (d) 27 cm^2
- Q3. Find the total area of the walls of a room whose sides are 10 m x 10 m x 10 m
(a) 1000 m^3 (b) 600 m^2 (c) **400 m^2** (d) 100 m^2
- Q4. Find the amount of water held in a tank of dimension 2 m x 2 m x 2 m
(a) **8 m^3** (b) 32 m^2 (c) 16 m^2 (d) 16 cm^2
- Q5. Find the volume of a cube of sides 5 cm
(a) **125 cm^3** (b) 150 cm^2 (c) 100 cm^2 (d) 150 m^2
- Q6. Find the total surface area of a cube whose sides are 3 cm
(a) 27 cm^3 (b) **54 cm^2** (c) 36 cm^2 (d) 27 cm^2
- Q7. Find the volume of a cube of sides 10 m
(a) **1000 m^3** (b) 600 m^2 (c) 400 m^2 (d) 100 m^2
- Q8. Find the total surface area of a cube whose sides are 10 m
(a) 1000 m^3 (b) **600 m^2** (c) 400 m^2 (d) 100 m^2
- Q9. Find the total surface area of a cuboid whose sides are 5 cm x 6 cm x 4 cm
(a) 120 cm^3 (b) **148 cm^2** (c) 44 cm^2 (d) 148 m^2
- Q10. Find the volume of a cuboid of sides 3 cm x 4 cm x 8 cm
(a) **96 cm^3** (b) 68 cm^2 (c) 56 cm^2 (d) 68 m^2
- Q11. Find the total area of the walls of a room whose sides are 10 m x 15 m x 4 m
(a) 600 m^3 (b) 250 m^2 (c) **100 m^2** (d) 25 m^2
- Q12. Find the amount of water held in a tank of dimension 2 m x 2 m x 1m
(a) **4 m^3** (b) 8 m^2 (c) 4 m^2 (d) 16 m^2
- Q13. Find the volume of a cuboid of sides 5 cm x 6 cm x 4 cm
(a) **120 cm^3** (b) 148 cm^2 (c) 44 cm^2 (d) 148 m^2
- Q14. Find the total surface area of a cuboid whose sides are 3 cm x 4 cm x 8 cm
(a) 96 cm^3 (b) **68 cm^2** (c) 56 cm^2 (d) 68 m^2
- Q15. Find the volume of a cuboid of sides 10 m x 15 m x 4 m
(a) **600 m^3** (b) 250 m^2 (c) 100 m^2 (d) 25 m^2