



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Arithmetic

Class: 7

Date: 11.06.20

Duration: 40 min

Worksheet Solution 29

Full Marks: 15

CUBE

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 cube whose sides are 2 m
(a) 8 m^3 (b) **32 m^2** (c) 16 m^2 (d) 16 cm^2
- Q10. Find the volume of a cube whose sides are 8 cm
(a) **512 cm^3** (b) 384 cm^2 (c) 256 cm^2 (d) 800 m^2
- Q11. Find the total surface area of a cube whose sides are 6 m
(a) 216 m^3 (b) **216 m^2** (c) 144 m^2 (d) 216 cm^2
- Q12. Find the volume of a cube of sides 6 m
(a) **216 m^3** (b) 216 m^2 (c) 144 m^2 (d) 216 cm^2
- Q13. Find the total surface area of a cube of sides 4 cm
(a) 64 cm^3 (b) **96 cm^2** (c) 64 cm^2 (d) 16 cm^2
- Q14. Find the total surface area of a cube of sides 7 m
(a) 343 m^3 (b) **294 m^2** (c) 196 m^2 (d) 98 m^2
- Q15. Find the volume of a cube of sides 7 m
(a) **343 m^3** (b) 294 m^2 (c) 196 m^2 (d) 98 m^2