



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



**Sub: Arithmetic**  
**Duration: 40 min**

**Class: 7**  
**Worksheet 29**  
**CUBE**

**Date: 11.06.20**  
**Full Marks: 15**

**Choose the Correct options:**

- Q1. Find the total surface area of a cube whose sides are 5 cm  
(a)  $125 \text{ cm}^3$  (b)  $150 \text{ cm}^2$  (c)  $100 \text{ cm}^2$  (d)  $150 \text{ m}^2$
- Q2. Find the volume of a cube of sides 3 cm  
(a)  $27 \text{ cm}^3$  (b)  $54 \text{ cm}^2$  (c)  $36 \text{ cm}^2$  (d)  $27 \text{ cm}^2$
- Q3. Find the total area of the walls of a room whose sides are 10 m x 10 m x 10 m  
(a)  $1000 \text{ m}^3$  (b)  $600 \text{ m}^2$  (c)  $400 \text{ m}^2$  (d)  $100 \text{ m}^2$
- Q4. Find the amount of water held in a tank of dimension 2 m x 2 m x 2 m  
(a)  $8 \text{ m}^3$  (b)  $32 \text{ m}^2$  (c)  $16 \text{ m}^2$  (d)  $16 \text{ cm}^2$
- Q5. Find the volume of a cube of sides 5 cm  
(a)  $125 \text{ cm}^3$  (b)  $150 \text{ cm}^2$  (c)  $100 \text{ cm}^2$  (d)  $150 \text{ m}^2$
- Q6. Find the total surface area of a cube whose sides are 3 cm  
(a)  $27 \text{ cm}^3$  (b)  $54 \text{ cm}^2$  (c)  $36 \text{ cm}^2$  (d)  $27 \text{ cm}^2$
- Q7. Find the volume of a cube of sides 10 m  
(a)  $1000 \text{ m}^3$  (b)  $600 \text{ m}^2$  (c)  $400 \text{ m}^2$  (d)  $100 \text{ m}^2$
- Q8. Find the total surface area of a cube whose sides are 10 m  
(a)  $1000 \text{ m}^3$  (b)  $600 \text{ m}^2$  (c)  $400 \text{ m}^2$  (d)  $100 \text{ m}^2$
- Q9. Find the total surface area of a cube whose sides are 2 m  
(a)  $8 \text{ m}^3$  (b)  $32 \text{ m}^2$  (c)  $16 \text{ m}^2$  (d)  $16 \text{ cm}^2$
- Q10. Find the volume of a cube whose sides are 8 cm  
(a)  $512 \text{ cm}^3$  (b)  $384 \text{ cm}^2$  (c)  $256 \text{ cm}^2$  (d)  $800 \text{ m}^2$
- Q11. Find the total surface area of a cube whose sides are 6 m  
(a)  $216 \text{ m}^3$  (b)  $216 \text{ m}^2$  (c)  $144 \text{ m}^2$  (d)  $216 \text{ cm}^2$
- Q12. Find the volume of a cube of sides 6 m  
(a)  $216 \text{ m}^3$  (b)  $216 \text{ m}^2$  (c)  $144 \text{ m}^2$  (d)  $216 \text{ cm}^2$
- Q13. Find the total surface area of a cube of sides 4 cm  
(a)  $64 \text{ cm}^3$  (b)  $96 \text{ cm}^2$  (c)  $64 \text{ cm}^2$  (d)  $16 \text{ cm}^2$
- Q14. Find the total surface area of a cube of sides 7 m  
(a)  $343 \text{ m}^3$  (b)  $294 \text{ m}^2$  (c)  $196 \text{ m}^2$  (d)  $98 \text{ m}^2$
- Q15. Find the volume of a cube of sides 7 m  
(a)  $343 \text{ m}^3$  (b)  $294 \text{ m}^2$  (c)  $196 \text{ m}^2$  (d)  $98 \text{ m}^2$