



ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution



Sub: Arithmetic
Duration: 40 Min

Class: 7
Worksheet 45
CUBE AND CUBOID

Date: 30.06.20
Full Marks: 15

Choose the correct options:

- Q1. Find the total surface area of a cube whose sides are 2 m
(a) 8 m^3 (b) 24 m^2 (c) 16 m^2 (d) 16 cm^2
- Q2. 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
- Q3. 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
- Q4. 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
- Q5. 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
- Q6. 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
- Q7. 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
- Q8. Find the total surface area of a cuboid 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
- Q9. Find the total surface area of a cuboid whose sides are 2 m x 2 m x 1m
(a) 4 m^3 (b) 16 m^2 (c) 4 m^2 (d) 16 m^2
- Q10. Find the volume of a cuboid whose sides are 2 cm x 3 cm x 5 mm
(a) 3 cm^3 (b) 8.5 cm^2 (c) 2.5 cm^2 (d) 8.5 m^2
- Q11. Find the total surface area of a cuboid whose sides are 3 cm x 10 mm x 50 mm
(a) 1500 cm^3 (b) 46 cm^2 (c) 2 cm^2 (d) 5 m^2
- Q12. Find the volume of a cuboid of sides 3 cm x 100 mm x 500 mm
(a) 15 cm^3 (b) 5 cm^2 (c) 2 cm^2 (d) 5 m^2
- Q13. Find the total surface area of a cuboid of sides 2 cm x 3 cm x 5 mm
(a) 4 cm^3 (b) 62 cm^2 (c) 4 m^2 (d) 16 cm^2
- Q14. Find the total surface area of a cuboid of sides 2 m x 3 m x 4 m
(a) 24 m^3 (b) 52 m^2 (c) 20 m^2 (d) 25 m^2
- Q15. Find the volume of a cuboid of sides 2 m x 3 m x 4 m
(a) 24 m^3 (b) 26 m^2 (c) 20 m^2 (d) 25 m^2