ST. VIVEKANAND PUBLIC SCHOOL

Winter Break Homework (2024)

DAY: SATURDAY CLASS: VIII

DATE: 06-01-2024 SUBJECT: MATHEMATICS

Chapter 12: Surface Area and Volume

- 1. Find the volume and surface area of cubes with the following edges:
 - (a) 6.75 cm (b) 8.3 cm (c) 11.2 cm
- 2. Calculate the volume and surface area of a cuboid of dimensions 11 cm × 17 cm × 20 cm.
- 3. Calculate the volume, total and curved surface areas of a cylinder, the radius of whose base is 14 cm and height is 9.5 cm.

		Cube	Cuboid	Cylinder
	Dimension(s)	s de la constant	l, b, h	r, h
(a)	TSA	or a City and and and and	Man who to home the	eny and part and
(b)	LSA	resident selmal lenticies	Mi haiten to ber kota	oritiza i und hane
(c)	Volume	THE PROPERTY OF THE PARTY OF TH	to sund the volume of	and or to an an and

NOTE: KINDLY DO THESE QUESTIONS IN YOUR FAIR NOTEBOOK.