

ST. THOMAS SCHOOL, SAHIBABAD
REVISION WORKSHEET(2025-2026)
SUBJECT: MATHEMATICS(041)
CLASS: VIII

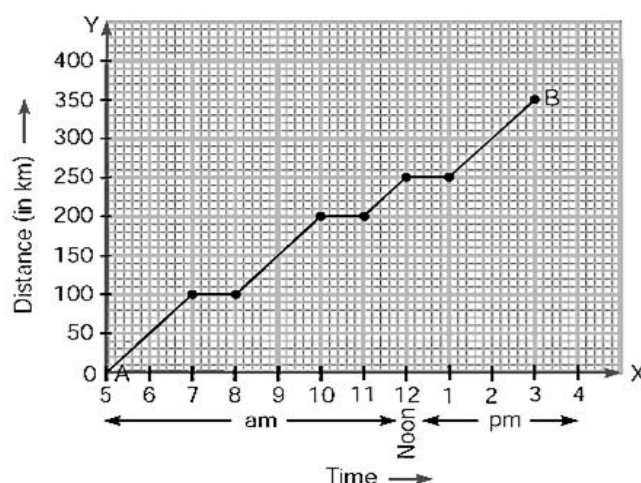
TIME: 1 HR.

MM: 20

1. If each edge of a cube is doubled, how many times will its volume increase? 1
2. The values of x and y are in inverse proportion. If $y = 15$ then $x = 3$. Find the value of y when $x = 9$. 1
3. If the weight of 12 sheets of thick paper is 40 grams, how many sheets of the same paper would weigh 240 grams? 1
4. The length of the diagonal of the square is 7 cm. Find the area of the square. 1

5. The given graph shows the distance travelled and the time taken by a train to reach city B from city A. Study the time graph and answer the following questions. 2

- i. At what time did the train leave city A? At what
- ii. time did the train cover a distance of 200 km?



6. Find the height of cylinder whose radius is 7 cm and total surface area is 924 cm^2 . 2
7. Reema types 540 words during half an hour. How many words would she type in 6 minutes? 2
8. A rectangular piece of metal sheet 11 m x 4 m is folded without overlapping to make a cylinder of height 4 m. Find the volume of the cylinder. 3
9. In a hostel of 50 girls, there are food provisions for 40 days. If 30 more girls join the hostel, how long will these provisions last? 3
10. Draw the graph for the following table of values of time (in hours) and distances (in km) covered by a car. 4

Time(in hours)	7:00	8:00	9:00	10:00
Distance (in km)	60	120	180	240

From the graph, find:

- i. The distance covered by the car during the period 7:00 to 8:00.
- ii. At what time the car would have covered 180 km?