



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Arithmetic

Class: 7

Date: 10. 04.21

Duration: 40 min

Worksheet Solutions 24

Full Marks: 15

AREA AND PERIMETER

Choose the Correct options:

- The area of a rectangular field of length 20m and breadth 15m is _____
A. 200 sq m
B. 250 sq m
C. **300 sq m**
- The perimeter of a square of side 25m is _____
A. 75m
B. **100m**
C. 125 m
- The area of a triangle whose base is 7 cm and height 4 cm is _____
A. 28 sq cm
B. **14 sq cm**
C. 22 sq cm
- If the area of the parallelogram is 32 sq cm and the base is 4 cm, then height is _____
A. 128 cm
B. **8 cm**
C. 64 cm
- The distance around a circular region is known as its _____
A. Perimeter
B. **Circumference**
C. Area
- The circumference of a circle of diameter 10 cm is _____
A. **31.4 cm**
B. 3.14 cm
C. 314 cm
- The circumference of a circle with radius 14 cm is _____
A. **88 cm**
B. 44 cm
C. 22 cm
- 1 sq meter is _____ sq cm.
A. **10000 sq cm**
B. 1000 sq cm
C. 100 sq cm
- 10000 sq meter is _____
A. **1 Hectare**
B. 1 Acre
C. 1 Cent
- _____ is the part of plane occupied by the closed figure.
A. **Area**
B. Perimeter
C. Volume
- The length of a minute hand of a wall clock is 5.6 cm. Find the area swept by it in an hour.
A. 90 sq cm
B. 101.56 sq cm

C. 98.56 sq cm

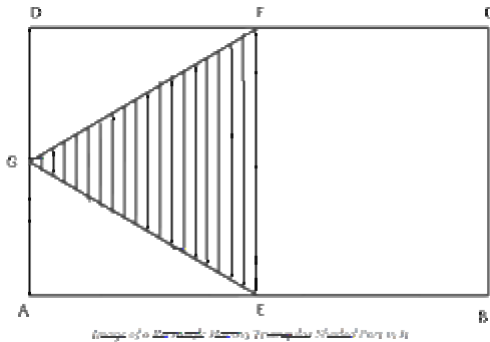
12. Width of a rectangle is 0.56 hectometers and its area is 1792 sq m. The length is

A. 40 m

B. 32 m

C. 72 m

13. Calculate the area of the shaded region of the following figure. ABCD is a rectangle having length 40 cm, breadth 30 cm. E, F and G are midpoints of AB, CD and AD respectively.



A. 900 sq cm

B. 300 sq cm

C. 600 sq cm

14. 60 square tiles of equal size were needed to cover a floor area of 135 sq m. What is the length of each tile?

A. 105 cm

B. 150 cm

C. 115 cm

15. The area of a parallelogram is 72 sq cm and its altitude is twice the corresponding base. The length of the base is

A. 5 cm

B. 6 cm

C. 8 cm