

**MENSURATION****AREA OF PARALLELOGRAM****EXERCISE**

- Q.1** The base of a parallelogram is twice its height. If the area of the parallelogram is 72 sq. cm, find its height.
- Q.2** Find the area of a rhombus one side of which measures 20 cm and one diagonal 24 cm.
- Q.3** The difference between two parallel sides of a trapezium is 4 cm. The perpendicular distance between them is 19 cm. If the area of the trapezium is  $475 \text{ cm}^2$ , find the lengths of the parallel sides.
- Q.4** Find the length of a rope by which a cow must be tethered in order that it may be able to graze an area of 9856 sq. meters.
- Q.5** The area of a circular field is 13.86 hectares. Find the cost of fencing it at the rate of ₹4.40 per meter.

**ANSWER KEY**

1. 6 cm
2.  $384 \text{ cm}^2$
3. 27 cm, 23 cm
4. 56 m
5. 5808