Class 7 Maths Worksheet WS2

Kaboodle

Perimeter and Area

Topic: Area of Parallelogram

Name: _____

Date: _____

There is a rectangular field of size 94 m x 32 m. Three roads each of 2 m width pass through the field such that two roads are parallel to the breath of the field and the third is parallel to the length. Calculate:

1. Area of the field covered by the three roads _____ m^2

2. Area of the field not covered by the roads. _____ m^2

The length and breath of a reactangular park are in the ratio 5 : 2. A 2.5 m wide path running all around the outside the park has an area 305 m^2. Find its:

3. Length _____ cm

4. Breadth _____ m

5. The area of rhombus is 72 cm^2. If its perimeter is 32 cm, find its altitude. _____ cm

6. A field in the form of a parallelogram has base 15 dam and altitude 8 dam. Find the cost of watering the field at the rate of 50 paise per square metre. ₹ _____

7. The area of parallelogram is 338 m^2. If its altitude is twice the corresponding base, determine the altitude. _____ m

8. Find the area of a rhombus having each side equal to 13 cm and one of whose diagonals is 24 cm. _____ cm^2

9. Find the area of rhombus having each side equal to 15 cm and one of whose diagonals is 24 cm. _____ cm^2

10. The base and corresponding altitude of a parallelogram are 10 cm and 12 cm respectively. If the other altitude is 8 cm, find the length of the other pair of parallel sides. _____ cm



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