

Class 9 Mathematics - Measuring Space: Perimeter and Area

Name: _____

Date: _____

Advanced Worksheet 3

Questions

1. A parallelogram has base 18 cm and height 11 cm. Find its area.
2. A triangle has the same base and height as the parallelogram. Find its area.
3. Compare the two areas.
4. A parallelogram has area 240 cm^2 and base 16 cm. Find its height.
5. A triangle has area 120 cm^2 and base 16 cm. Find its height.
6. What relationship do you observe between the areas of the triangle and parallelogram?

Answer Key

1. 198 cm^2
2. 99 cm^2
3. Area of triangle = Half of area of parallelogram
4. 15 cm
5. 15 cm
6. Triangle area is half the area of a parallelogram on the same base and height.