

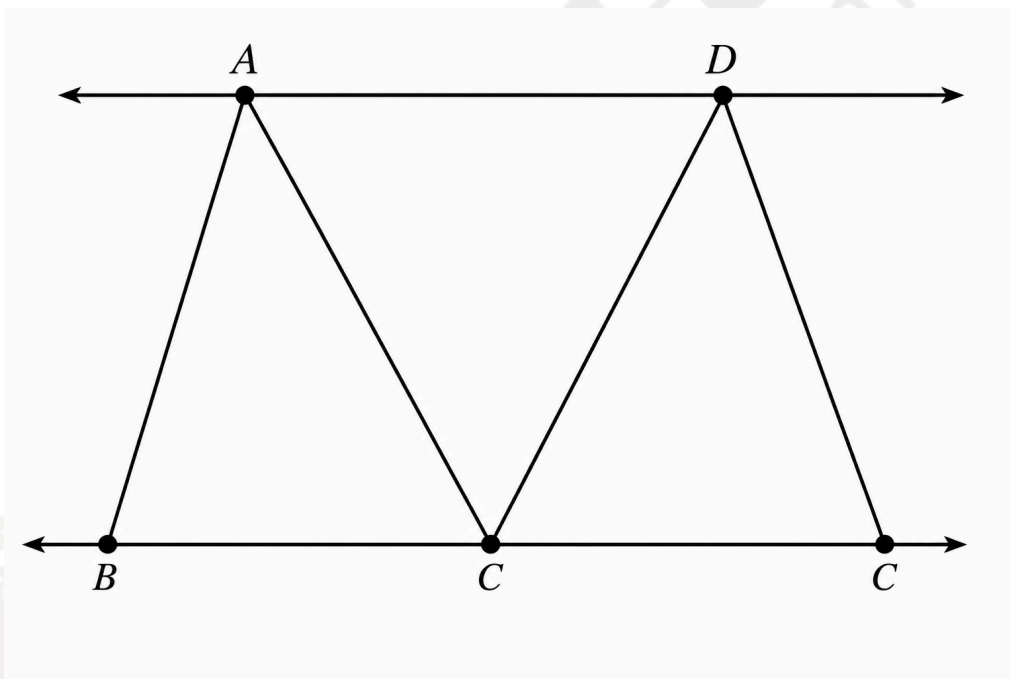
Class 9 Mathematics - Measuring Space: Perimeter and Area

Name: _____

Date: _____

Advanced Worksheet 4

Questions



1. Triangle ABC and triangle DBC lie on the same base BC and between the same parallels. Compare their areas.
2. If the area of triangle ABC is 48 cm^2 , find the area of triangle DBC .

3. If $BC = 12$ cm and the common height is 8 cm, find the area of triangle ABC.
4. Find the area of triangle DBC.
5. State the theorem illustrated.
6. Why do the two triangles have equal areas?

Answer Key

1. Equal
2. 48 cm^2
3. 48 cm^2
4. 48 cm^2
5. Triangles on the same base and between the same parallels have equal areas.
6. They have the same base and height.