Class 9 Maths Chapter 9 Areas of Parallelograms and Triangles MCQs - Practice Questions

1. If two figures A and B are congruent, they must have ____ areas
(a) Unequal
(b) Equal
(c) Different
(d) None of the above

2. A Shape with 3 sides is called ____
(a) Triangle
(b) Quadrilateral
(c) Pentagon
(d) Hexagon

3. If a planar region formed by a figure A is made up of two non-overlapping planar regions formed by figures X and Y, then ar(A) = _____.
(a) ar(X) + ar(Y)
(b) ar(X) - ar(Y)
(c) ar(X) × ar(Y)
(d) ar(X) / ar(Y)

4. Parallelograms on the same base and between the same parallels are _____.
(a) Greater in area
(b) Equal in area
(c) Smaller in area
(d) None of the above

5. Two triangles having the same base and equal areas lie between the _____ parallels.
(a) Different
(b) Non-equal
(c) Same
(d) None of the above

6. Area of a triangle is _____ the product of its base and the corresponding altitude.
(a) Twice
(b) Thrice
(c) Half
(d) Both (a) and (b)

7. Area of a parallelogram is the _____of its base and the corresponding altitude.
(a) Sum
(b) Product
(c) Difference
(d) None of the above

8. Two congruent figures have equal areas but the converse ___ be true.
(a) Should
(b) Need
(c) Need not
(d) None of the above

9. The ____ of a figure is a number (in some unit) associated with the part of the plane enclosed by that figure.
(a) Area
(b) Surface
(c) Boundary
(d) None of the above

10. The part of the plane enclosed by a simple closed figure is called a _____ region corresponding to that figure.
(a) Non-planar
(b) Planar
(c) Both (a) and (b)
(d) Neither (a) nor (b)

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1 - (b)	2 - (a)	3 - (a)	4 - (b)	5 - (c)
6 - (c)	7 - (b)	8 - (c)	9 - (a)	10 - (b)