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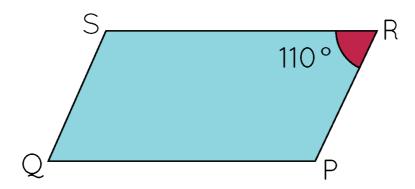
# Parallelogram Properties Worksheet

#### **Questions**

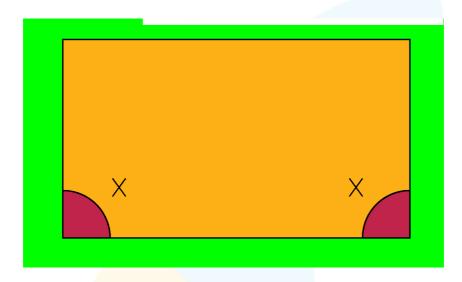
Q.1 A square is a parallelogram?
Q.2 Diagonals of a parallelogram meet at 90 degrees.
a) True
b) False
Q.3 A parallelogram is a rectangle.
a) Never
b) Sometimes
c) Always
Q.4 The sum of all the angles of a parallelogram is
degree.
Q.5 A triangle is a parallelogram?
a) True
b) False
Q.6 Sum of opposite angles of a parallelogram is
degree.
Q.7 Which is not a parallelogram?
a) Rectangle
b) Square
c) Trapezoid
d) Rhombus
Q.8 PQRS is a parallelogram in which ∠P measures 110°. Find the
$\sim$ $\sim$ 1

measure of  $\angle Q$ ,  $\angle R$ , and  $\angle S$ .





Q.9 If two adjacent angles of a parallelogram are equal. Determine the measure of these two angles.



Q.10 The ratio of two sides of a parallelogram is 5 : 3. If its perimeter of a parallelogram is 96 units, find the lengths of its sides.



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- Gary Schwartz

- Kirk Riley

- Barbara Cabrera

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## **ANSWERS**

1. Yes	2. False	3. Sometime s	4. 360	5. False
6. 180	7. Trapezoid	8. ∠Q=70°, ∠R=110°, and ∠S=70	9) 90°, 90	10 l=18 units, b=30 units