

Quiz: Quadrilaterals-The Quadrilateral Family (and Properties)

1. The measures of angles A and B of parallelogram ABCD are in the ratio of 7:5. Find the measure of angle A.
2. The perimeter of a rectangle is 74 and length is 24. What is the area of the rectangle?
3. In rhombus EFGH, $EF = 5x - 9$ and $FG = 2x + 6$. Find EH.
4. The perimeter of a square is 4. In simplest radical form, find the length of the diagonal of the square.
5. The opposite sides of a parallelogram are represented by $3x + 5$ and $x + 11$. Find the length of the side of the parallelogram represented by $6x - 7$.
6. If one angle of a parallelogram is 67° , find the number of degrees in the remaining 3 angles.
7. A square ABCD is also a rectangle. (True or False)
8. The diagonals of a rhombus are 10 and 24. Find the perimeter of the rhombus.
9. In rectangle ABCD, the diagonals intersect at E. If $AE = x + y$, $BE = 4x - y$, and $CE = 25$, find x and y.
10. If one angle of a parallelogram is 90° , find the number of degrees in the remaining 3 angles.

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%