

Quadrilateral Worksheet – 2

1. The three angles of a quadrilateral are 73° , 58° and 106° . Find the measure of the fourth angle.

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|---------------|----------------|
| a) 85° | b) 128° |
| c) 79° | d) 123° |

2. A quadrilateral has three acute angles each measuring 85° . Find the measure of the fourth angles.

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|---------------|----------------|
| a) 88° | b) 105° |
| c) 75° | d) 123° |

3. Three angles of a quadrilateral are equal, and the measure of the fourth angle is 120° . What is the measure of each of the equal angles.

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|---------------|----------------|
| a) 80° | b) 128° |
| c) 79° | d) 123° |

4. Two angles of a quadrilateral measures 65° and 95° . The other two angles are equal. Find the measure of each of these equal angles.

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|---------------|----------------|
| a) 89° | b) 125° |
| c) 75° | d) 100° |

5. The angles of a quadrilateral are in the ratio of $3 : 5 : 7 : 9$. Find the measure of the largest angle of the quadrilateral.

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|---------------|----------------|
| a) 85° | b) 135° |
| c) 79° | d) 125° |

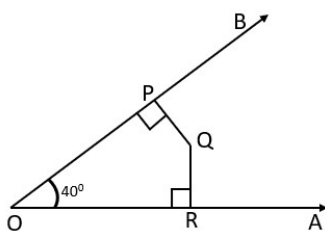
6. The angles of a quadrilateral are $5a^\circ$, $(3a + 10)^\circ$, $(6a - 20)^\circ$ and $(a + 25)^\circ$. Find the measure of the smallest angle.

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|---------------|----------------|
| a) 85° | b) 128° |
| c) 48° | d) 123° |

7. If the sum of two angles of a quadrilateral is 200° , then what is the sum of remaining two angles?

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|---------------|----------------|
| a) 85° | b) 128° |
| c) 79° | d) 160° |

8. Find the measure of $\angle PQR$ in the below given figure.



19. A quadrilateral can be drawn, if all the four sides and one angle is known. Mark True / False.

a) True

b) False

20. A quadrilateral can be drawn, if all three sides and two diagonals are given. Mark True / False.

a) True

b) False