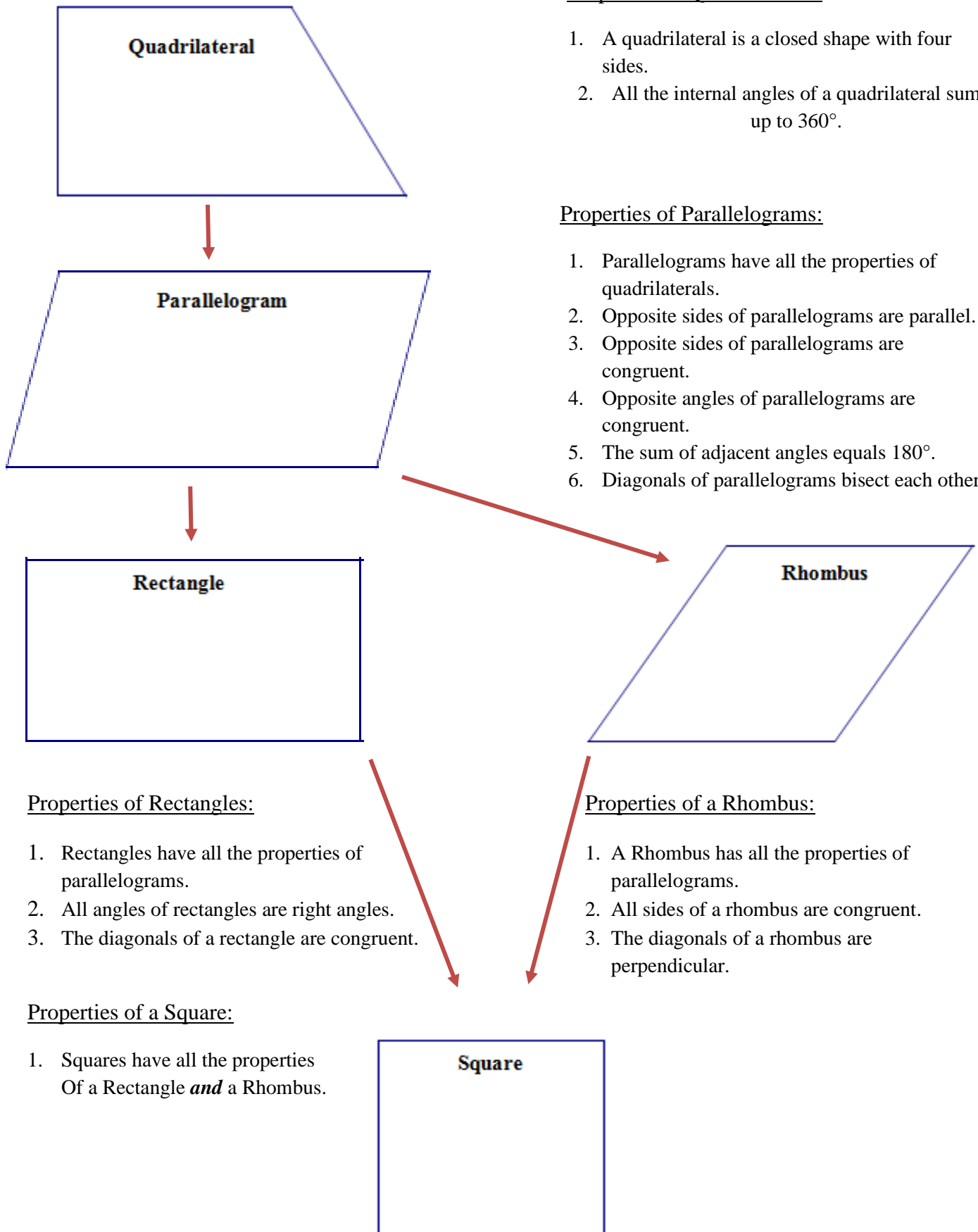


QUADRILATERAL GRAPHIC ORGANIZERProperties of Quadrilaterals:

1. A quadrilateral is a closed shape with four sides.
2. All the internal angles of a quadrilateral sum up to 360° .

Properties of Parallelograms:

1. Parallelograms have all the properties of quadrilaterals.
2. Opposite sides of parallelograms are parallel.
3. Opposite sides of parallelograms are congruent.
4. Opposite angles of parallelograms are congruent.
5. The sum of adjacent angles equals 180° .
6. Diagonals of parallelograms bisect each other.

Properties of Rectangles:

1. Rectangles have all the properties of parallelograms.
2. All angles of rectangles are right angles.
3. The diagonals of a rectangle are congruent.

Properties of a Rhombus:

1. A Rhombus has all the properties of parallelograms.
2. All sides of a rhombus are congruent.
3. The diagonals of a rhombus are perpendicular.

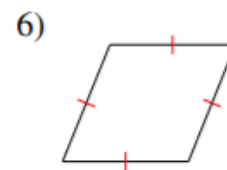
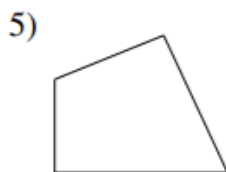
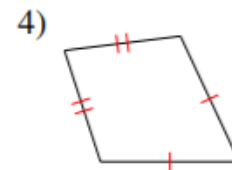
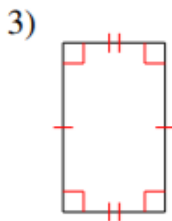
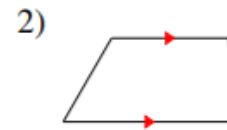
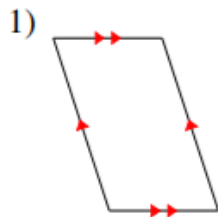
Properties of a Square:

1. Squares have all the properties Of a Rectangle *and* a Rhombus.

Put an x in the box of the shape with the characteristic listed in the left.

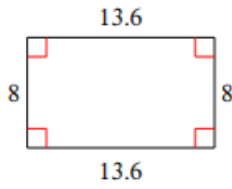
property	parallelogram	square	rectangle	rhombus
congruent diagonals				
perpendicular diagonals				
diagonals bisect opposite angles				
both pair opposite sides congruent				
diagonals bisect each other				

State the most specific name for each figure.

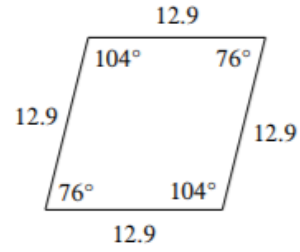


State the most specific name for each figure.

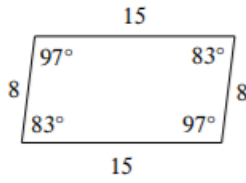
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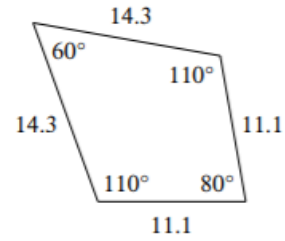
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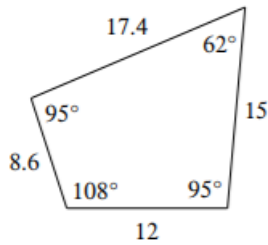
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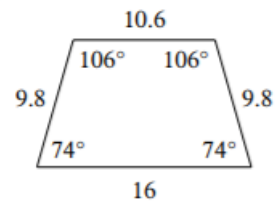
10)



11)

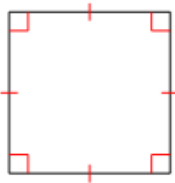


12)



State all possible name for each figure.

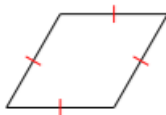
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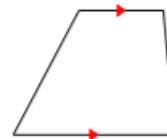
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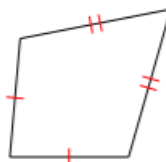
15)



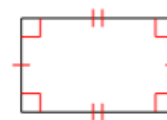
16)



17)

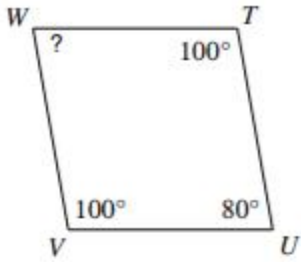


18)

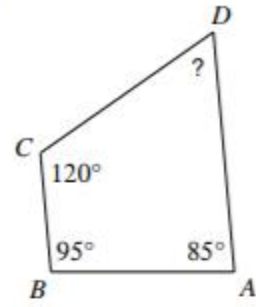


Find the measure of each angle indicated.

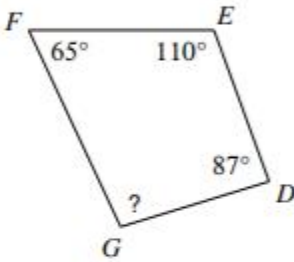
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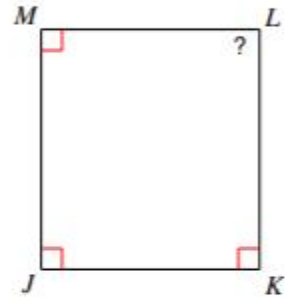
2)



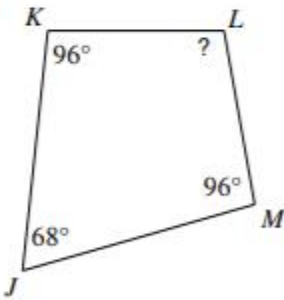
3)



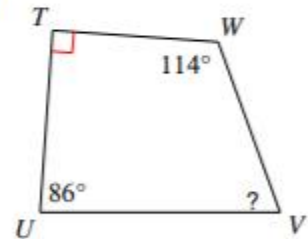
4)



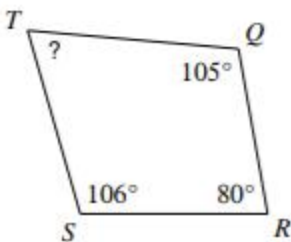
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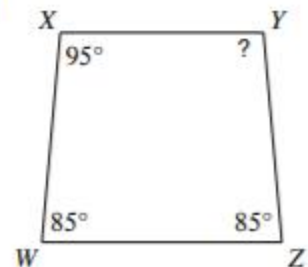
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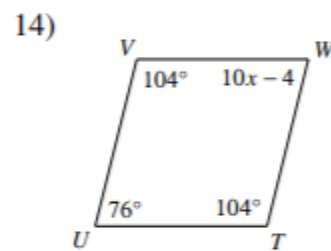
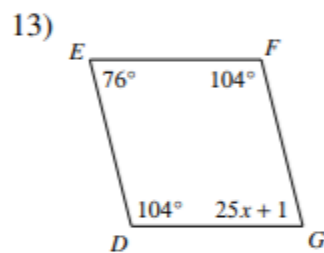
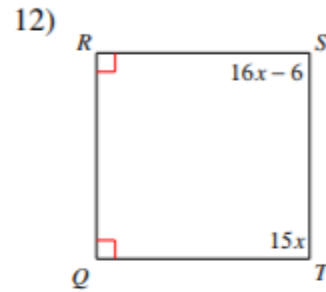
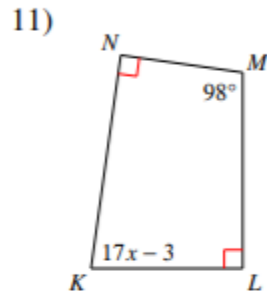
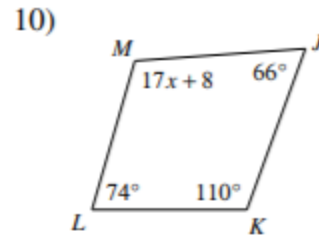
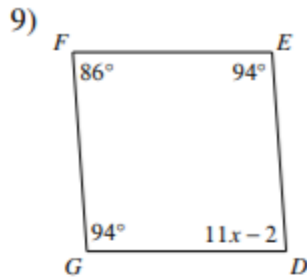
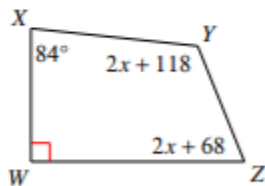
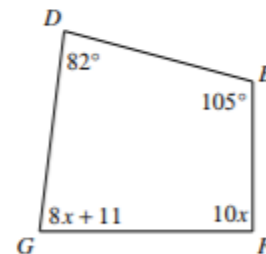
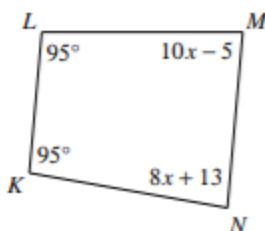


7)



8)



Solve for x .**Find the measure of each angle indicated.**15) $m\angle Y$ 16) $m\angle F$ 17) $m\angle M$ 18) $m\angle M$ 