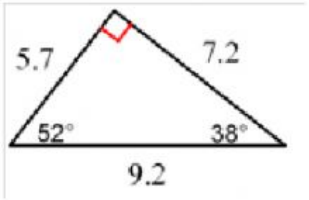
1. Is this a polygon? Explain your answer.

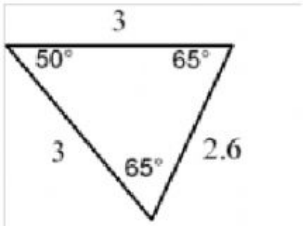
a. No, this is not a polygon because it is an open shape.
b. Yes, it is a polygon because it have straight sides.
c. No, this is not a polygon because it does not have straight sides.
d. Yes, this is a polygon because it is a closed shape.

2. In what two ways can this triangle be classified?



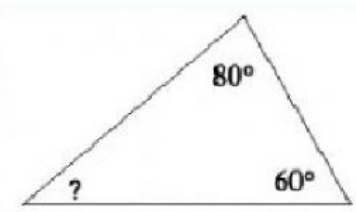
a. equilateral and acute
b. right and scalene
c. obtuse and isosceles
d. right and isosceles

3. In what two ways can this triangle be classified?



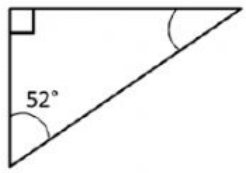
a. acute and isosceles
b. obtuse and scalene
c. right and obtuse
d. acute and scalene

4. Find the measurement of the missing angle in this triangle.



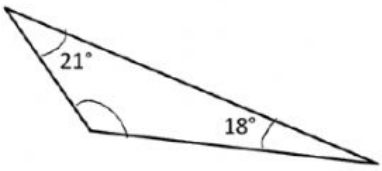
a. 40°
b. 220°
c. 100°
d. 160°

5. Find the measurement of the missing angle in this triangle.



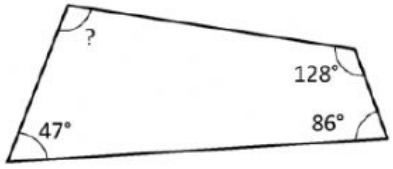
a. 218°
b. 38°
c. 30°
d. 142°

6. Find the measurement of the missing angle in this triangle.



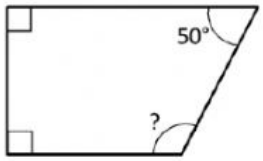
a. 140°
b. 39°
c. 141°
d. 321°

7. Find the measurement of the missing angle in this quadrilateral.



a. 261°
b. 100°
c. 81°
d. 99°

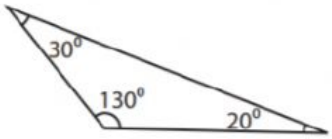
8. Find the measurement of the missing angle in this quadrilateral.



a. 130°
b. 50°
c. 230°
d. 140°

9. Classify the following triangles by sides or by angles.

a.



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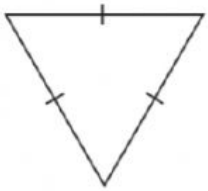
b.



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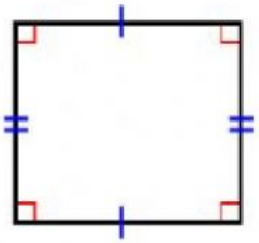
10. Classify the following quadrilaterals.

a.



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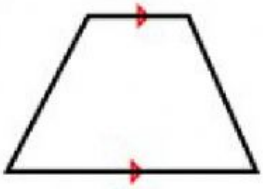
b.



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