

Identify Triangles and Find the Missing Angles

Name: _____

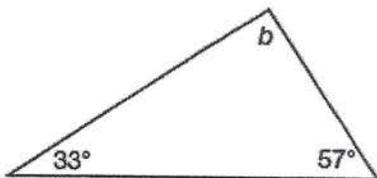
Date: _____

- 1 Classify the triangle.



- A right triangle
- B obtuse triangle
- C acute triangle
- D equilateral triangle

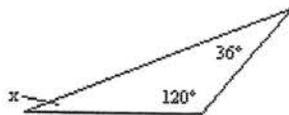
- 2 Find the measure of angle b in the triangle below and classify the triangle by the measure of its angles.



- A 60° , acute
 - B 90° , right
 - C 180° , straight
 - D 270° , obtuse
- 3 Which word describes a triangle with three angles that measure less than 90° ?
- A acute
 - B obtuse
 - C right
 - D scalene

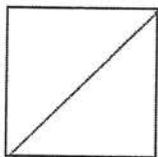
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- 4 What is the measure of the unknown angle?



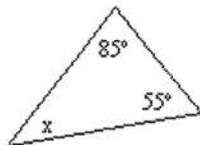
- A 24°
- B 34°
- C 180°
- D 204°

- 5 Dan cut his square sandwich in half as shown below. Which type of triangle was formed?



- A right, isosceles
- B equilateral
- C right, scalene
- D acute, isosceles

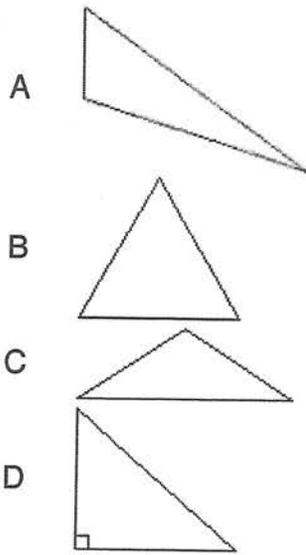
- 6 What is the measure of the unknown angle?



- A 40°
- B 50°
- C 180°
- D 220°

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7 Which of the following is an acute, equilateral triangle?



8 How many acute angles does an equilateral triangle have?

- A 0 angles
- B 1 angle
- C 2 angles
- D 3 angles

9 What is the sum of the angle measures of a triangle?

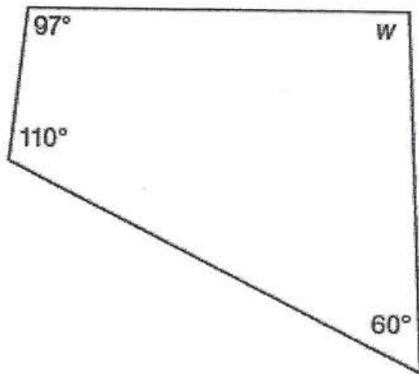
- A 60°
- B 90°
- C 180°
- D 360°

10 Nazir cut out a triangle with one 90° angle and two sides of equal length. How can Nazir classify his triangle?

- A obtuse scalene triangle
- B right scalene triangle
- C acute isosceles triangle
- D right isosceles triangle

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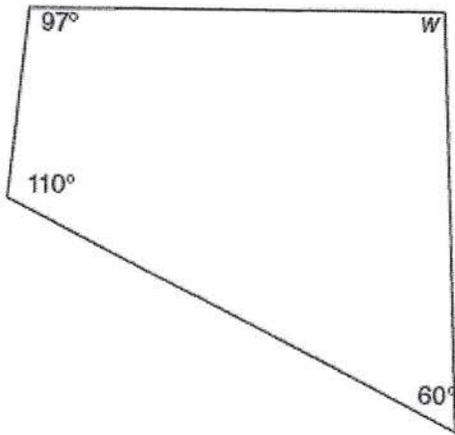
- 11 What is the measure of the angle w in the figure below?



- A 3°
B 87°
C 93°
D 113°
- 12 Three angles in a quadrilateral measure 31° , 83° and 146° . What is the measure of the fourth angle?
- A 82°
B 97°
C 100°
D 112°
- 13 Three angles in a quadrilateral measure 88° , 64° , and 146° . What is the measure of the fourth angle?
- A 50°
B 59°
C 62°
D 77°
- 14 What is the total measure of all the angles of a rectangle?
- A 45°
B 90°
C 180°
D 360°

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15 What is the measure of angle w in the shape below?



- A 3°
- B 87°
- C 93°
- D 113°