

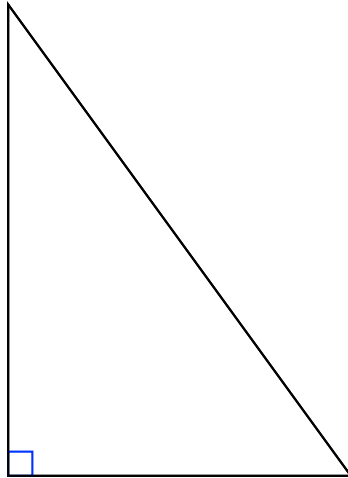
Worksheet: Types of Triangles: Angles and Sides



Q1: Which of the following describes the given shape?



Question Video

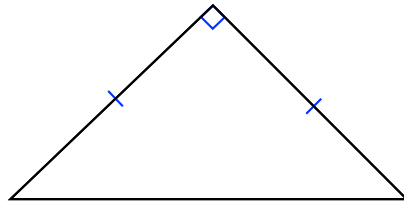


- A acute triangle
- B equilateral triangle
- C obtuse triangle
- D isosceles triangle
- E right triangle

Q2: Which of the following describes the given shape?



Question Video

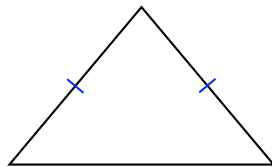


- A acute scalene triangle
- B obtuse isosceles triangle
- C acute isosceles triangle
- D right isosceles triangle
- E right scalene triangle

Q3: Which of the following describes the given shape?

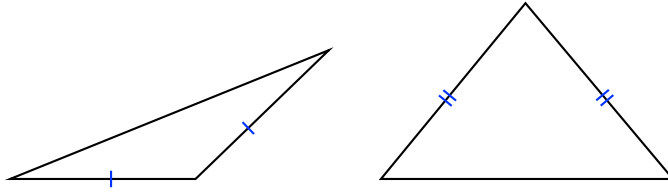


Question Video



- A obtuse triangle
- B isosceles triangle
- C right triangle
- D equilateral triangle
- E scalene triangle

Q4: What do these shapes have in common?

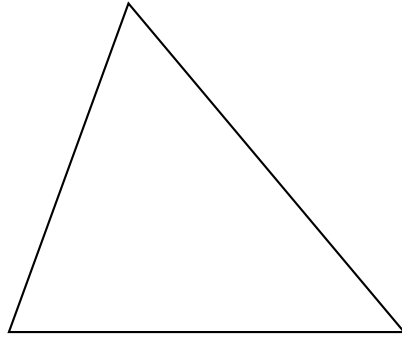


- A Both are right triangles.
- B Both are isosceles triangles.
- C Both are equilateral triangles.
- D Both are obtuse triangles.
- E Both are acute triangles.

Q5: William drew an equilateral triangle with two sides whose sum equals 16 inches. Determine the length of the third side.

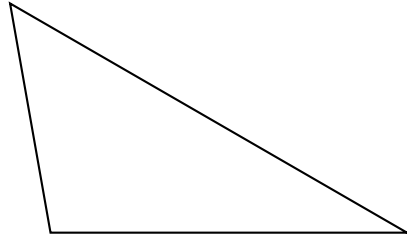
- A 24 in
- B 32 in
- C 4 in
- D 8 in

Q6: Which of the following describes the given shape?



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

Q7: Which of the following describes the given shape?



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

Q8: Is it possible to draw a triangle with two obtuse angles?

- A no
- B yes

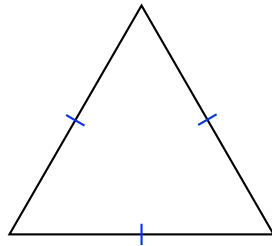


Question Video

Q9: Complete the following: An equilateral triangle is a triangle whose sides are ___.

- A parallel
- B intersecting at one point
- C not equal in length
- D equal in length

Q10: Which of the following describes the given shape?



- A right triangle
- B equilateral triangle
- C scalene triangle
- D obtuse triangle
- E isosceles triangle

Q11: Determine whether this statement is true or false: Some right triangles are isosceles.

A false

B true

Q12: Determine whether this statement is true or false: Some obtuse triangles are isosceles.

A true

B false

Q13: Determine whether this statement is true or false: The angles of the equilateral triangle are acute.

A true

B false



Question Video

Q14: Determine whether this statement is true or false: The angles of the isosceles triangle are always acute.

A true

B false



Question Video

Q15: Is an equilateral triangle an isosceles triangle?

A no

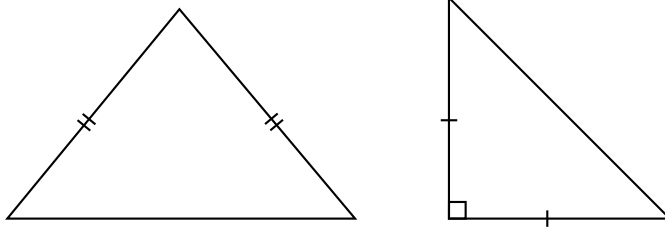
B yes

Q16: Could an isosceles triangle also be an equilateral triangle?

A yes

B no

Q17: What do these shapes have in common?



Question Video

A Both are obtuse triangles.

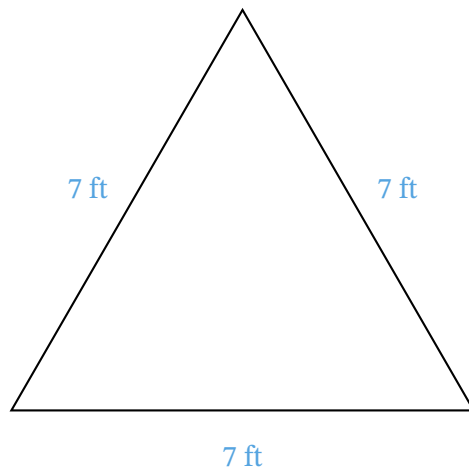
B Both are acute triangles.

C Both are isosceles triangles.

D Both are right triangles.

E Both are equilateral triangles.

Q18: Describe the triangle using an adjective from the list acute, right, obtuse and the list equilateral, isosceles, scalene.



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

Q19: Determine whether this statement is true or false: All acute triangles are isosceles.

- A false
- B true

Q20: Complete the following: Any triangle has at least ___ acute angles.

A 2

B 3

C 1