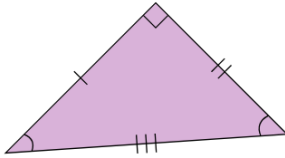


Classify triangles by angle measures

1

What would the sum of the inside angles on this shape be?



- | | | |
|---------------|---------------|---------------|
| A 240° | B 180° | C 120° |
| D 60° | E 330° | F 360° |

2

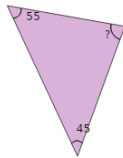
What is known about the angles labelled 35, 35, b



- | | | |
|---------------------------------------|---------------------------------------|------------------------|
| A 35, 35, and b add up to 180° | B 35, 35, and b add up to 360° | C 35 is half 35 |
| D b and 35 add to 35 | E 35 and 35 add to twice b | F 35 is the same as 35 |

3

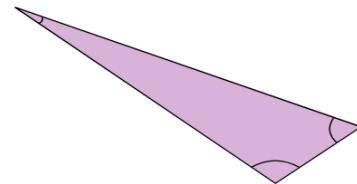
Find the equation that will help you calculate the missing angle of the triangle



- | | | |
|--------------------------|-----------------------|-----------------------|
| A $2(55 + 45 + ?) = 180$ | B $55 - 45 - ? = 360$ | C $55 + 45 + ? = 360$ |
| D $55 + 45 + ? = 180$ | E $55 + 45 + ? = 90$ | |

4

In geometry, what's the name for a triangle where one of the angles is more than 90° ?



- | | |
|----------|----------|
| A Orange | B Obtuse |
|----------|----------|

5

obtuse triangle

- | |
|---------------------------------------|
| A One angle is more than 90° |
| B One angle equal to 90° |
| C All angles are less than 90° |

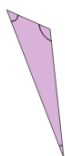
6

All angles are less than 90°

- | |
|-------------------|
| A right triangle |
| B obtuse triangle |
| C acute triangle |

7

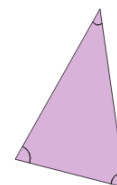
Name the type of triangle based on its angles:
Acute = all angles less than 90° , Right = one right angle, Obtuse = one angle more than 90°



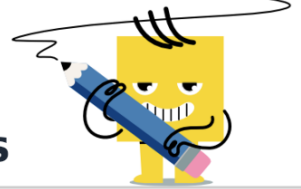
- | | | |
|------------------|------------------|-------------------|
| A acute triangle | B right triangle | C obtuse triangle |
|------------------|------------------|-------------------|

8

Choose the right description of the triangle based on its angles



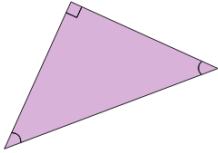
- | | | |
|-------------------------------------|---------------------------------|---------------------------------------|
| A One angle is more than 90° | B One angle equal to 90° | C All angles are less than 90° |
|-------------------------------------|---------------------------------|---------------------------------------|



Classify triangles by angle measures

9

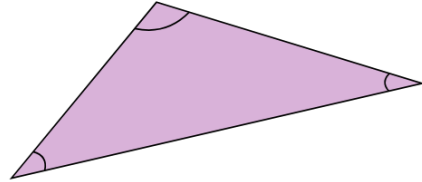
Name the type of triangle based on its angles:
Acute = all angles less than 90° , Right = one right angle, Obtuse = one angle more than 90°



- A obtuse triangle B acute triangle C right triangle

10

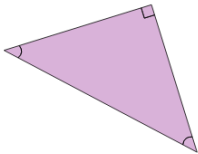
Choose the right description of the triangle based on its angles



- A One angle equal to 90° B One angle is more than 90° C All angles are less than 90°

11

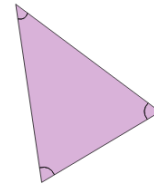
Name the type of triangle based on its angles:
Acute = all angles less than 90° , Right = one right angle, Obtuse = one angle more than 90°



- A right triangle B obtuse triangle C acute triangle

12

Choose the right description of the triangle based on its angles



- A All angles are less than 90° B One angle is more than 90° C One angle equal to 90°