COA

SUMMER CAMP

Math Club

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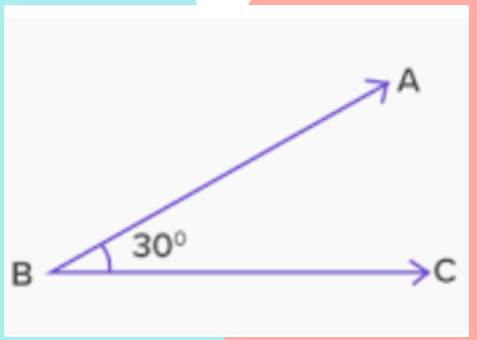
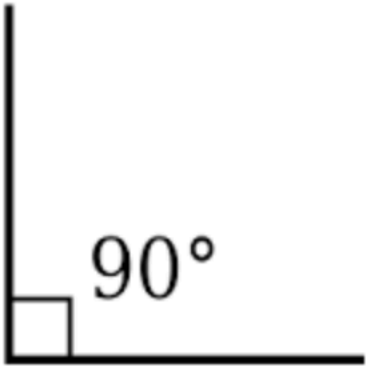
Students: Grade 2-3

An **acute angle** (**"acute"** meaning "small") is an **angle** smaller than a right **angle**. The range of an **acute angle** is between 0 and 90 degrees. Obtuse **angles** can be from 90 degrees to 180 degrees.

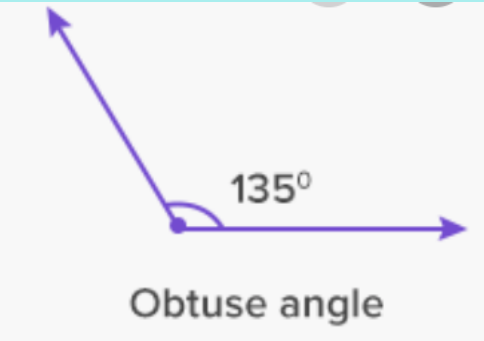


Right angle

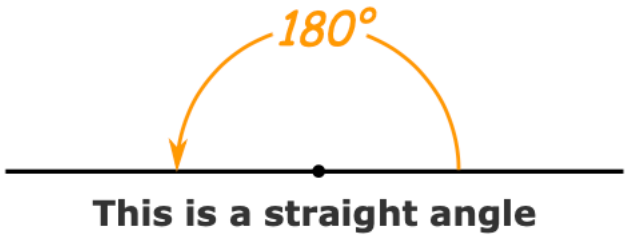


In geometry and trigonometry, a right angle is an angle of exactly 90°, corresponding to a quarter turn. If a ray is placed so that its endpoint is on a line and the adjacent angles are equal, then they are right angles.

An **obtuse angle** ...” ... An **obtuse angle** has a measurement greater than 90 degrees but less than 180 degrees. However, A reflex **angle** measures more than 180 degrees but less than 360 degrees.



A straight angle is 180 degrees

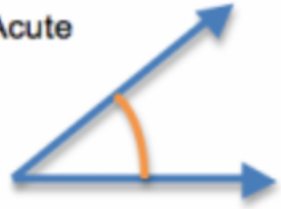


Flat Angle

Different Angles

01

Acute



02

Right

03

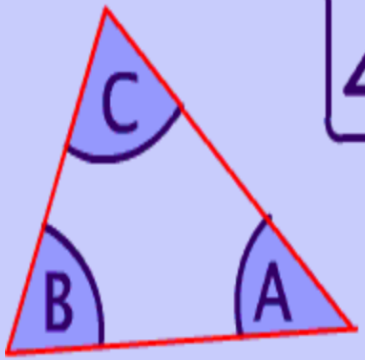
Straight

04

Obtuse

Triangles are one of the most fundamental geometric shapes and have a variety of often studied properties including:

Rule 1: Interior Angles sum up to 180^0 #



$$\angle A + \angle B + \angle C = 180^{o}$$

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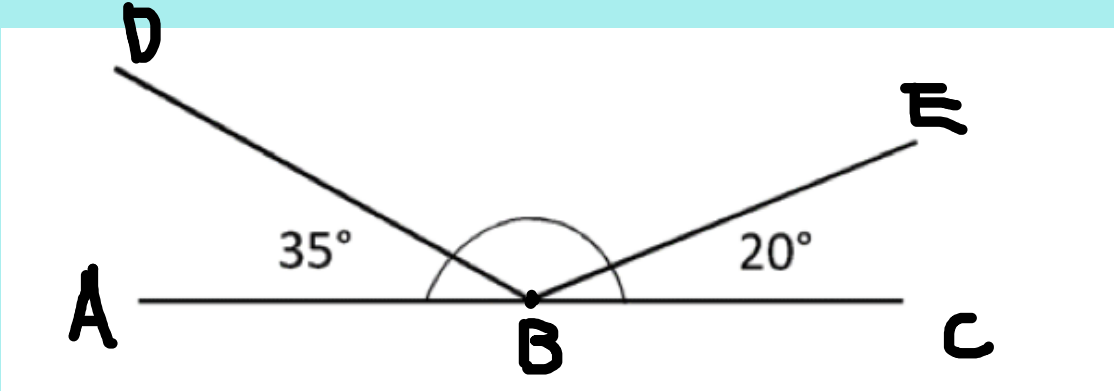
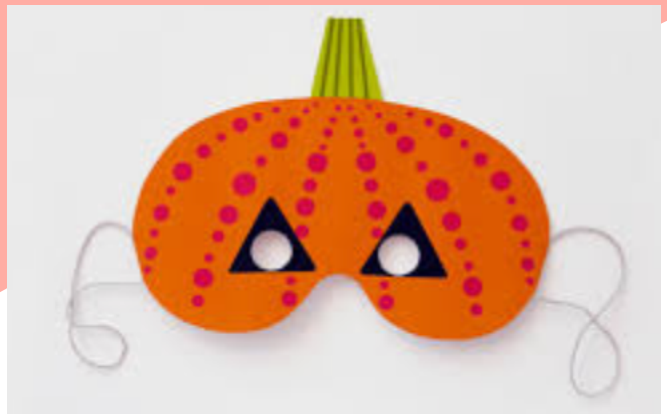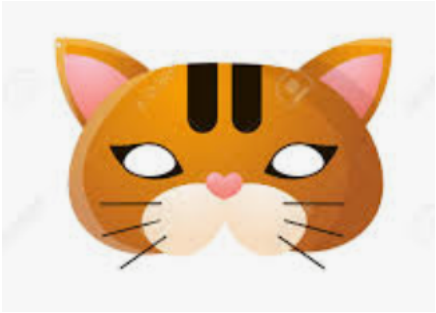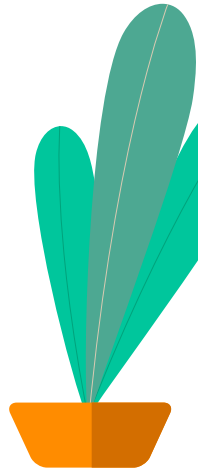
$$180^\circ - 35^\circ - 20^\circ = 125^\circ$$