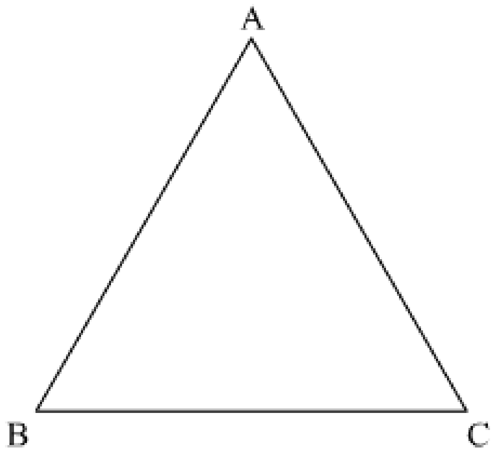
(v) All the angles of a triangle can be equal to 60°



According to the angle sum property of the triangle

In ΔABC

$\angle A + \angle B + \angle C = 180^\circ$

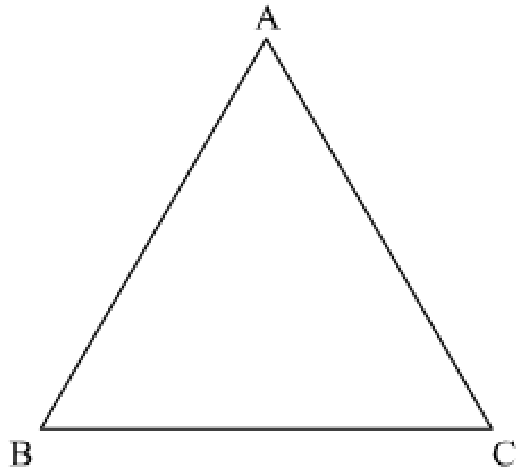
Now, if all the three angles of a triangle are equal to 60°

Then,

$\angle A + \angle B + \angle C = 180^\circ$

Therefore, the given statement is $\boxed{\text{true}}$.

(vi) A triangle can have two obtuse angles.



According to the angle sum property of the triangle

In ΔABC

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

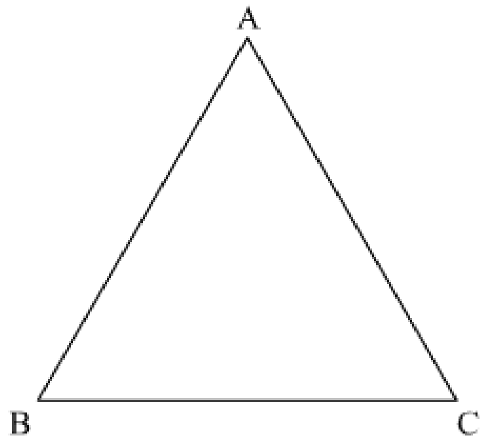
Now, if a triangle has two obtuse angles

Then,

$\angle A+\angle B+\angle C>180^{\circ}$

Therefore, the given statement is $\boxed{\text{false}}$.

(vii) A triangle can have at most one obtuse angle.



According to the angle sum property of the triangle

In ΔABC

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

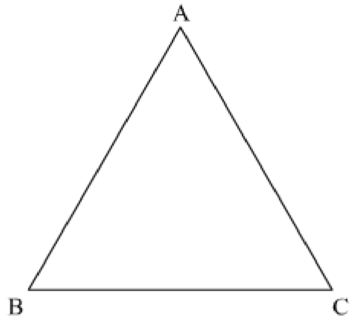
Now, if a triangle will have more than one obtuse angle

Then,

$\angle A+\angle B+\angle C>180^{\circ}$

Therefore, the given statement is $\boxed{\text{true}}$.

(viii) If one angle of a triangle is obtuse, then it cannot be a right angles triangle.



According to the angle sum property of the triangle

In ΔABC

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

Now, if it is a right angled triangle

Then,

$$\angle A + \angle B + \angle C = 180^{\circ}$$
$$90^{\circ} + \angle B + \angle C = 180^{\circ}$$
$$\angle B + \angle C = 90^{\circ}$$

Also if one of the angle's is obtuse

$\angle B + \angle C > 90^{\circ}$

This is not possible.

*********** END **********