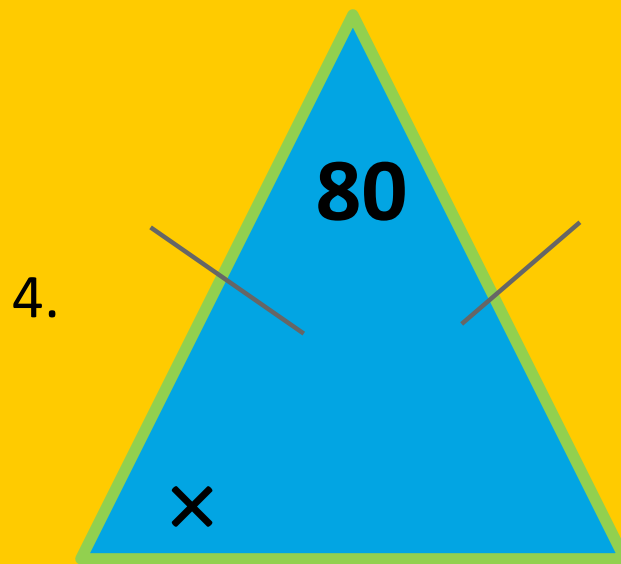


Types of triangles

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1. None of the sides are equal.
2. None of the angles are equal.
3. It has no line of symmetry.
4. One of the angles is 90
5. The longest side of a right - angled triangle is called the hypotenuse.
6. $\text{Area} = \frac{1}{2} \times \text{base} \times \text{height}$.
7. $\text{Perimeter} = \text{Sum of all the sides.}$



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2. In a right- angled triangle, one of the angles is 90.

$$X + 90 + 54 = 180$$

$$X + 144 = 180$$

$$X = 180 - 144$$

$$X = 36$$

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3. In an equilateral triangle, all the angles are equal.

$$X + X + X = 180$$

$$3X = 180$$

$$X = 180 \div 3$$

$$X = 60.$$

Therefore, each angle in an equilateral is 60.

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