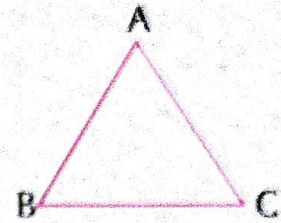
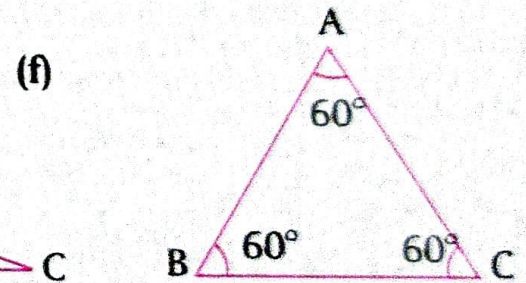
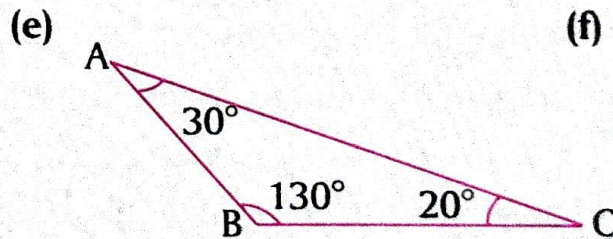
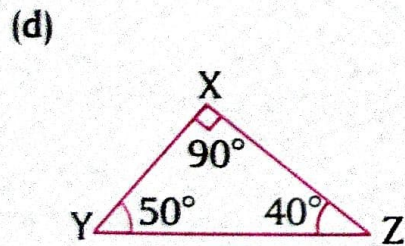
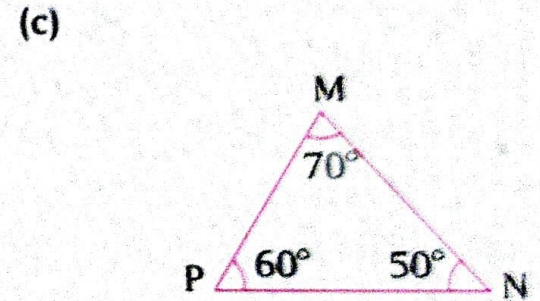
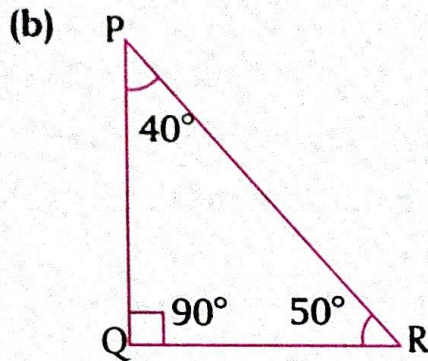
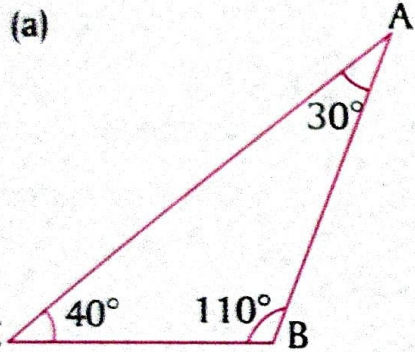


1. In $\triangle ABC$, name the :

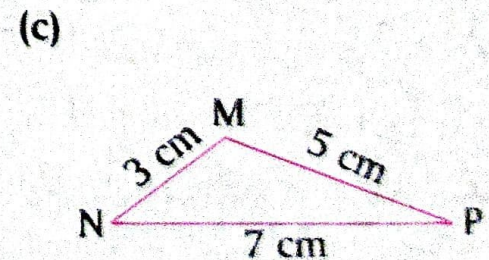
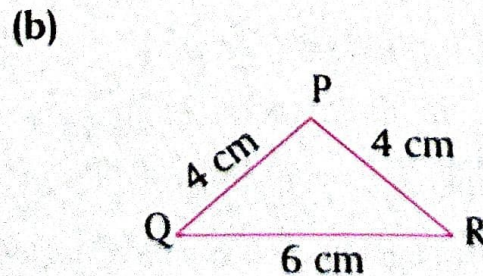
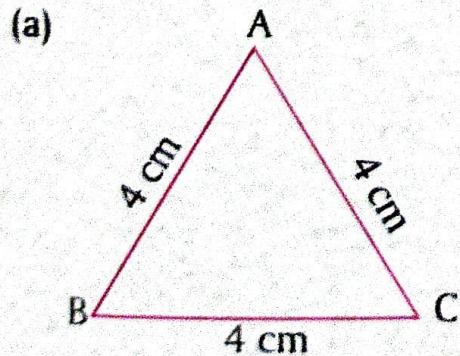
- (a) sides of the triangle.
- (b) vertices of the triangle.
- (c) angles of the triangle.

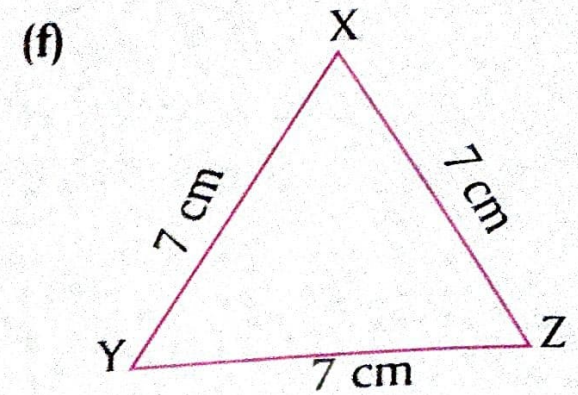
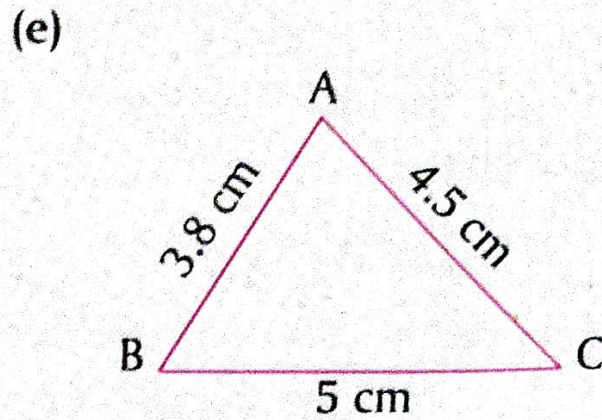
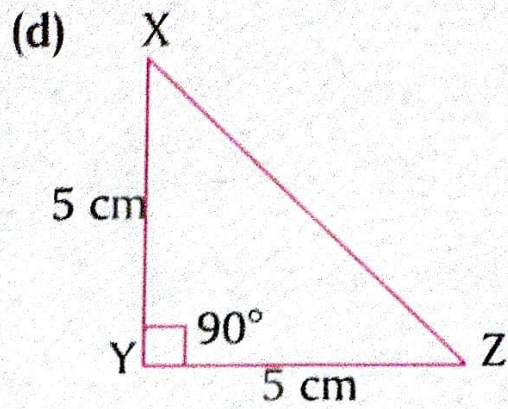


2. Classify the given triangles according to their angles :



3. Classify the given triangles according to the lengths of their sides :





4. Check whether the following can be the angles of a triangle :

(a) $33^\circ, 90^\circ, 45^\circ$

(b) $110^\circ, 45^\circ, 25^\circ$

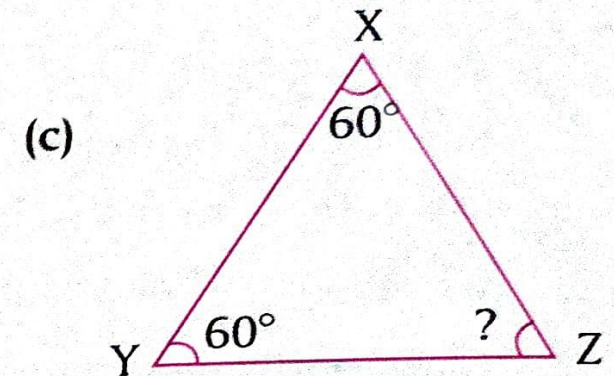
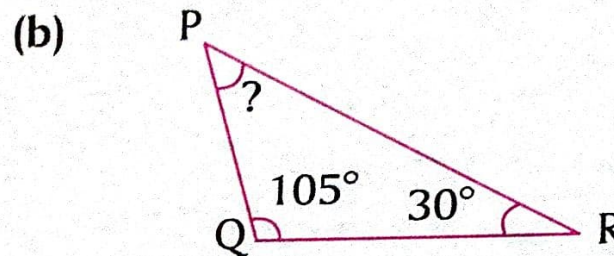
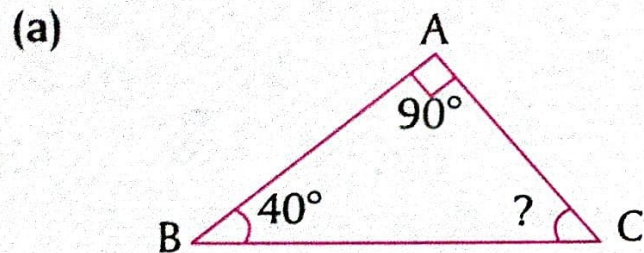
(c) $55^\circ, 89^\circ, 38^\circ$

(d) $15^\circ, 59^\circ, 106^\circ$

(e) $90^\circ, 40^\circ, 40^\circ$

(f) $60^\circ, 60^\circ, 60^\circ$

5. Find the missing angle in each triangle.



6. In $\triangle ABC$, $\angle A = 72^\circ$ and $\angle B = 68^\circ$. Find $\angle C$.

7. The measures of two angles of a triangle are 95° and 72° . Find the third angle.

8. One of the acute angles of a right-angled triangle is 42° . Find the other acute angle.

9. Two angles of a triangle are equal. If the measure of the third angle is 116° , find the measure of each of the equal angles.