Grade -9
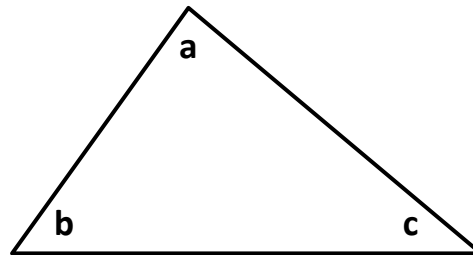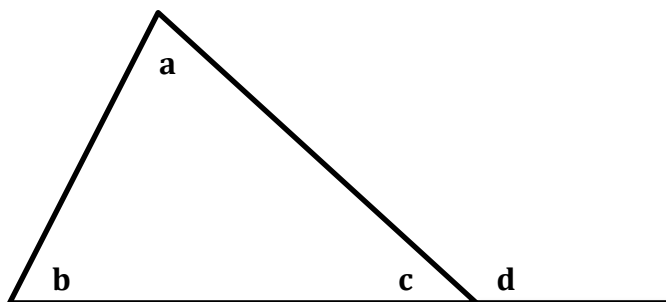
16 - Angles of a Triangle

- Do the review exercise to recall your knowledge

- Theorem: **The sum of the interior angles of a triangle is 180^0.**

$$a^0 + b^0 + c^0 = 180^0$$

- Do the exercise 16.1

- Do the activity 1 given in the text book, then you can develop a relationship between an exterior angle and the interior opposite angles of a triangle.

- Theorem: **If a side of a triangle is produced, the exterior angle so formed is equal to the sum of the two interior opposite angles.**

$$d^0 = a^0 + b^0$$

- Do the exercise 16.2