तलका वक्रहरूको नामाकरण गर्नुहोस् (Name the following curves):

(a)	(b)	(c)	(d)

Which geometrical figure will be formed if a plane intersects a cone parallel to its base?

If the intersection plane is parallel to the generator of cone then what conic does it form?

If the intersection plane is parallel to the axis of cone then what conic does it form?

A plane perpendicularly intersects a cone not passing through the vertex. Name the section so formed.

A plane cuts the right cone not passing through its vertex and semi vertical angle α is less than angle made by the plane to the axis of cone. Name the section so formed.

The semi vertical angle of a cone is α and the angle made by the plane with the axis of cone is θ . If $\theta = \alpha$, what is the name of the conic section formed by the intersection of a plane surface and cone?

The semi vertical angle of a cone is α and the angle made by the plane with the axis of cone is θ . If $\alpha < \theta < 90°$, what is the name of the conic section formed by the intersection of a plane surface and cone?

The semi vertical angle of a cone is α and the angle made by the plane with the axis of cone is θ . If $\theta < \alpha$, what is the name of the conic section generated by the intersection of a plane surface and cone?

The semi vertical angle of a cone is 40°. If the plane surface intersects the cone making an angle of 30° with the axis of the cone, write the name of the conic section so formed.

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The semi vertical angle of a cone is 50°. If the plane surface intersects the cone making an angle of 60° with the axis of the cone, write the name of the conic section so formed.

The semi vertical angle of a cone is 45°. If the plane surface intersects the cone making an angle of 45° with the axis of the cone, write the name of the conic section so formed.

The semi vertical angle of a cone is 50°. If the plane surface intersects the cone making an angle of 90° with the axis of the cone, write the name of the conic section so formed.

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