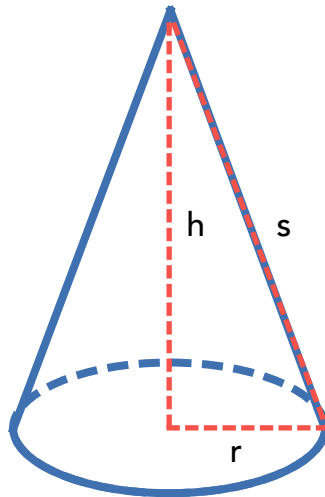A cone has a circular base, which is connected by a curved surface to its vertex.

It has a circle at one end, a vertex at the other end.

h = height
r = radius
s = slant length

Note: we can calculate s = $\sqrt{(r^2 + h^2)}$