PYRAMIDS
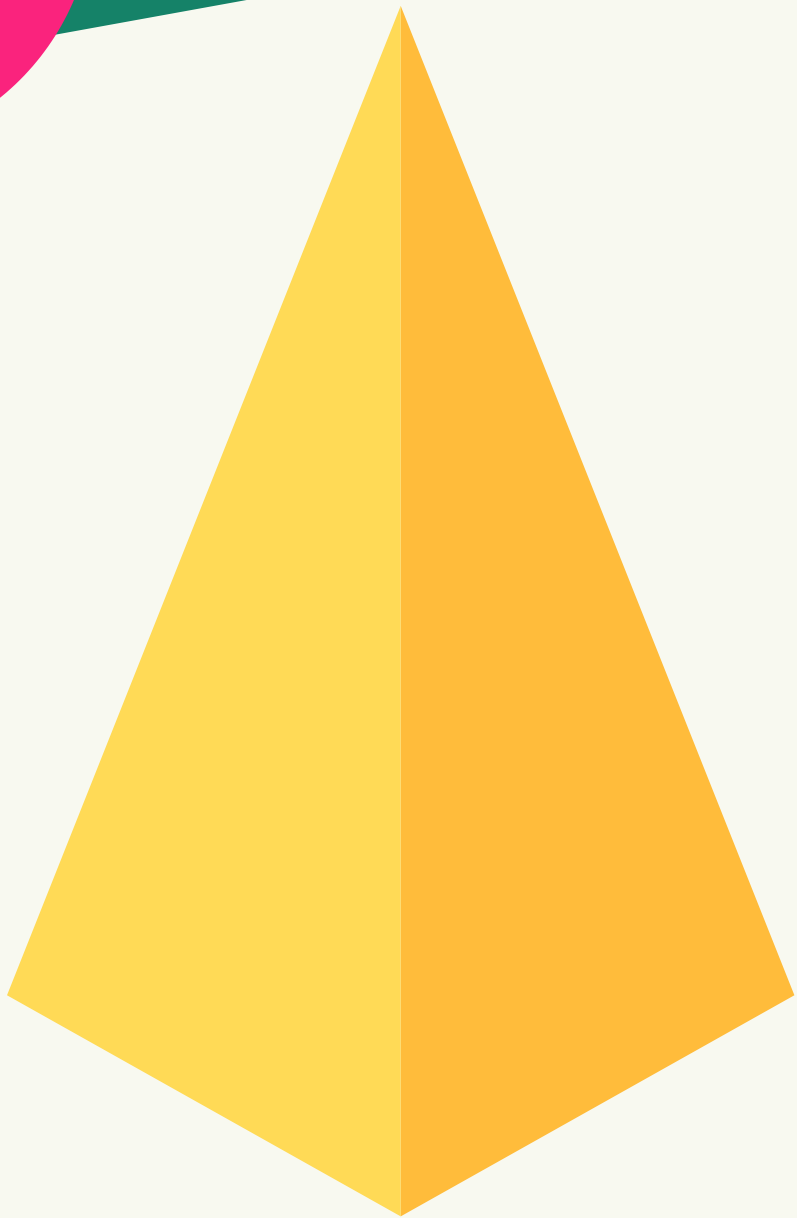
$$V = 1/3 \times \text{BASE AREA} \times \text{HEIGHT}$$

$$\text{TOTAL AREA} = \text{BASE AREA} + \text{LATERAL AREA}$$

A PYRAMID IS A POLYHEDRON THAT HAS ONE BASE AND ALL SIDE WALLS CONVERGE AT ONE POINT CALLED THE VERTEX.
THE PYRAMID CAN HAVE ANY POLYGON AT ITS BASE

REGULAR TETRAHEDRON – A PYRAMID THAT HAS EQUILATERAL TRIANGLES IN THE BASE AND SIDE WALLS.

Formula for the surface area of a regular tetrahedron:

$$x^2\sqrt{3}$$

Formula for the volume of a regular tetrahedron:

$$V = X^3\sqrt{2}/12$$