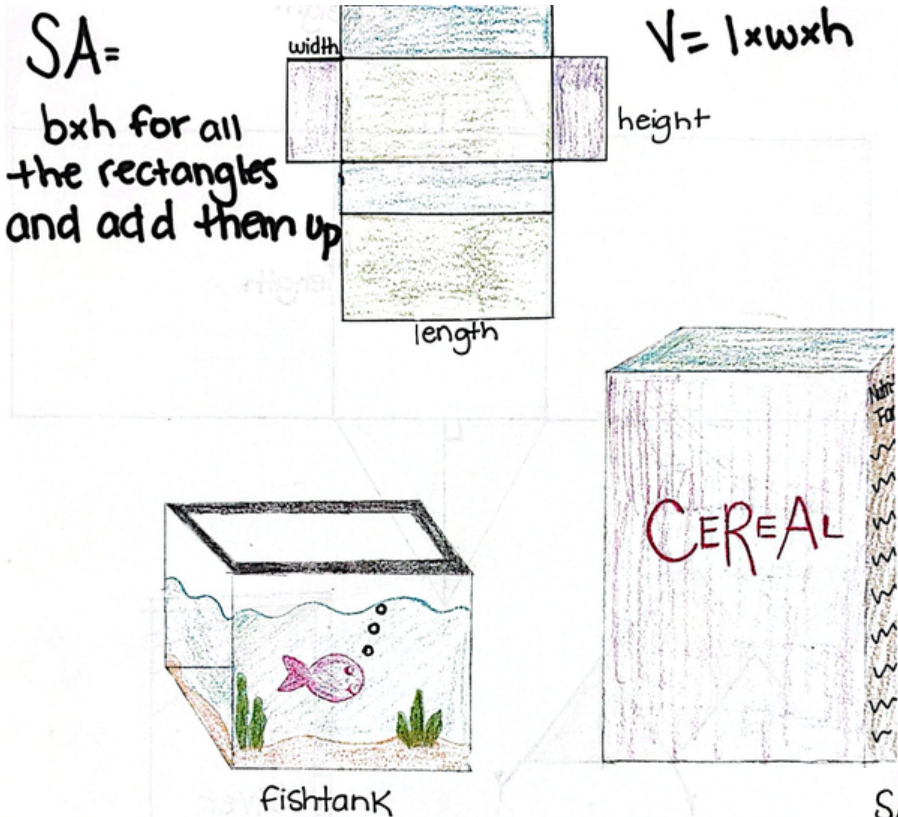


Ancient Civilizations

NETS AND 3D EXAMPLES



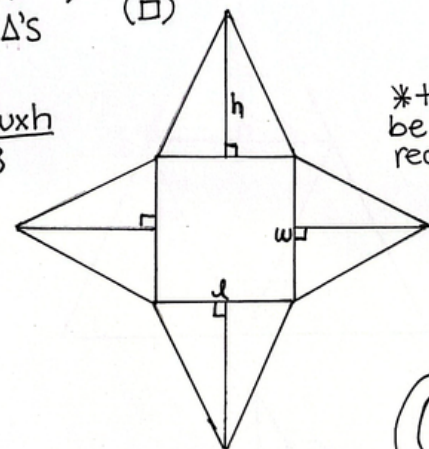
RIGHT RECTANGULAR PRISM:



$$SA = \left(\frac{b \times h}{2} \times 4 \right) + b \times h$$

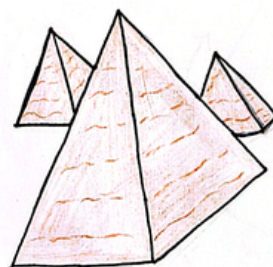
Δ 's (□)

$$V = \frac{l \times w \times h}{3}$$



*the base can
 be a square or a
 rectangle.

RIGHT RECTANGULAR PYRAMID



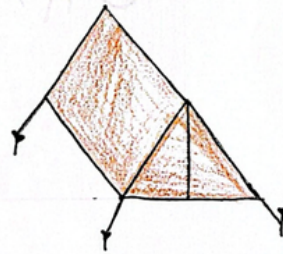
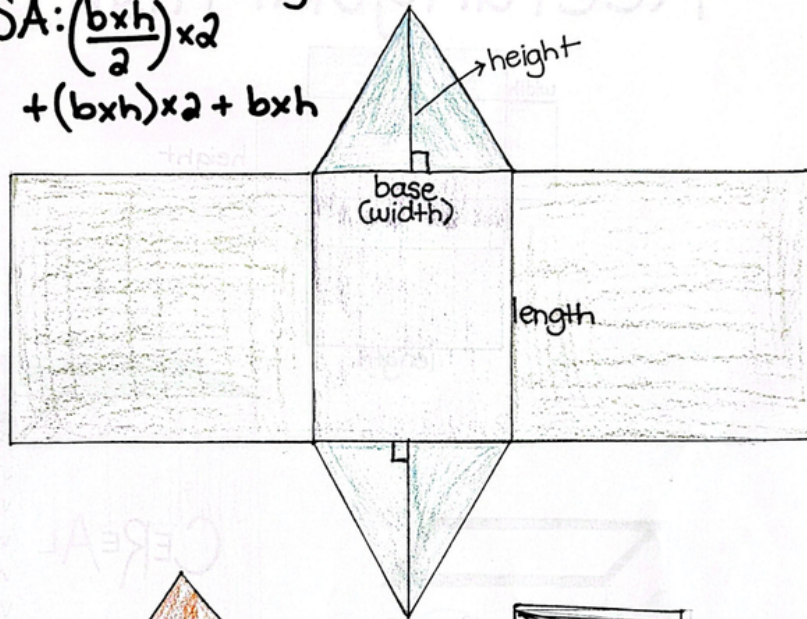
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TRIANGULAR PRISM

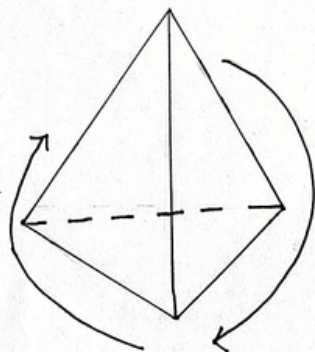
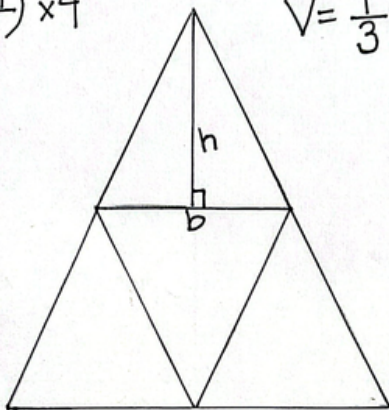
$$SA: \left(\frac{b \times h}{2}\right) \times 2 + (b \times h) \times 2 + b \times h$$



TRIANGULAR PYRAMID

$$SA = \left(\frac{b \times h}{2}\right) \times 4$$

$$V = \frac{1}{3} \times \text{base area} \times \text{height}$$



*all faces are the same

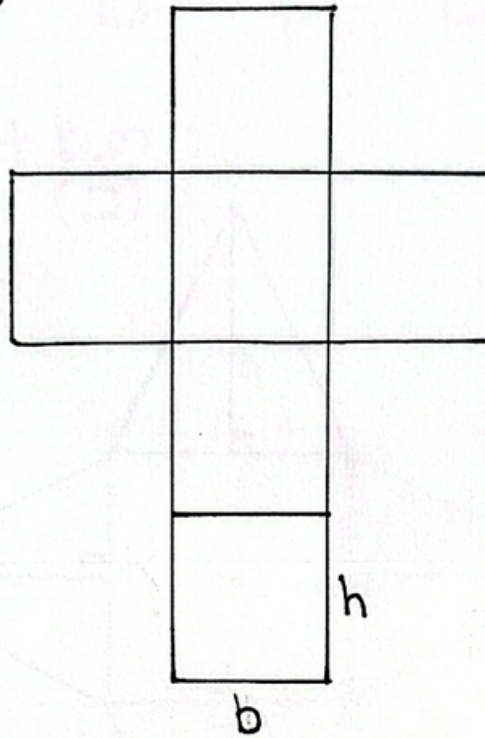
Ancient Civilizations

NETS AND 3D EXAMPLES



CUBE

$$SA = (b \times h) \times 6$$
$$V = s^3$$



*Sides are also known as "s"

