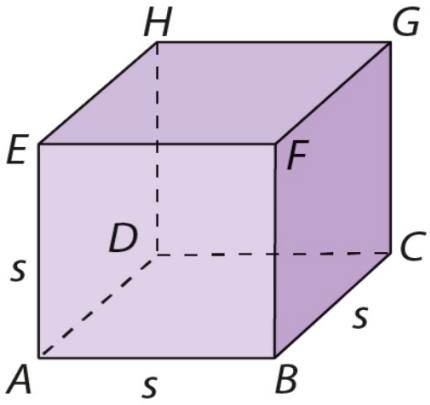
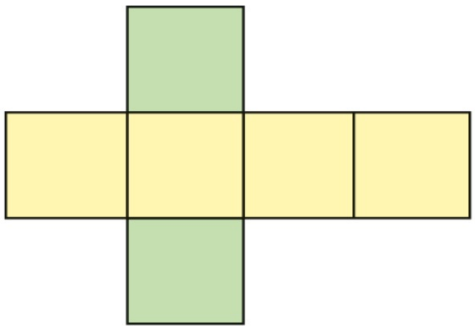
IL CUBO





esaedro regolare, è un parallelepipedo rettangolo che ha le tre dimensioni congruenti.

- DIAGONALE

$$d = s \cdot \sqrt{3} \longrightarrow S = \frac{d}{\sqrt{3}}$$

SPIGOLO

■ AREA LATERALE

$$A_l = 4 \cdot s^2$$

$$s = \sqrt{\frac{Al}{4}} = \frac{\sqrt{Al}}{2}$$

■ AREA TOTALE

$$A_t = 6 \cdot s^2$$

$$s = \sqrt{\frac{At}{6}}$$

■ VOLUME

$$V = A_b \cdot h = s^2 \cdot s = s^3$$

$$V = s^3$$

$$s = \sqrt[3]{V}$$