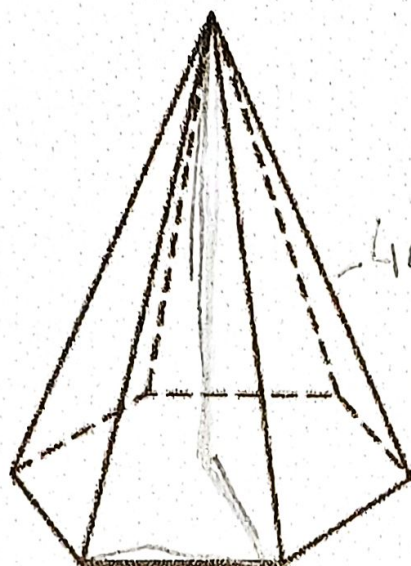


1) (Unifor-CE) A aresta da base de uma pirâmide regular hexagonal mede 4 cm. Qual é o volume dessa pirâmide, se sua altura mede $6\sqrt{3}$ cm?



$$V = \frac{24\sqrt{3} \cdot 6\sqrt{3}}{3}$$

$$V = \frac{144 \cdot \sqrt{9}}{3}$$

$$V = \frac{144 \cdot 3}{3}$$

$$V = \frac{432}{3}$$

a) 432 cm^3

b) 392 cm^3

c) 286 cm^3

~~d) 144 cm^3~~

e) 132 cm^3