A special (but optional) volume formula for cubes

Connect

volume formulas for rectangular prisms

$V = \underbrace{\boxed{l \cdot w}}_{\text{area of base}} \cdot h$

$V = \underbrace{B}_{\text{area of base}} \cdot h$

$V_{cubes} = s^3$

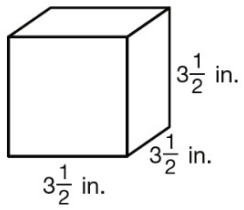
$A_{rec} = l \cdot w$

$A_{par} = l \cdot w$

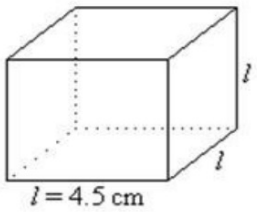
$A_{sq} = s^2$

$A_{tri.} = \frac{b \cdot h}{2}$ or $\frac{1}{2} \cdot b \cdot h$

I do

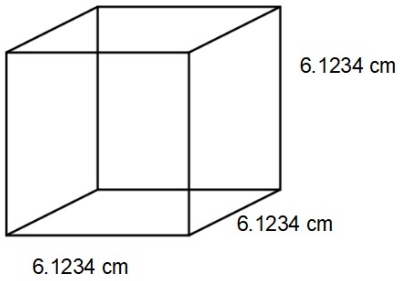


We do



You do together on whiteboard

Find the volume of the cube using the special volume formula for cubes



You do alone on index card

Using the special volume formula for cubes, find the volume of a cube where each edge is 1.25m long.