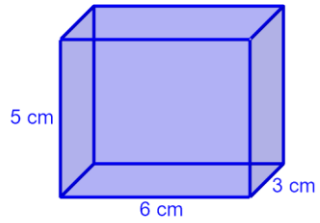
Volumen des Quaders (und des Würfels)

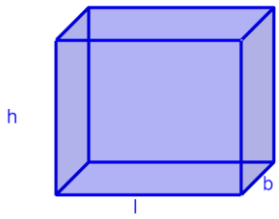
Quader Beispiel:

ℓ = 6 cm
b = 3 cm
h = 5 cm



$V_Q = 6\ cm \cdot 3\ cm \cdot 5\ cm = 90\ cm^3$

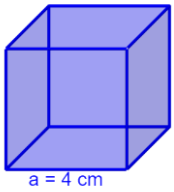
Quader Allgemein:



$V_{Quader} = ℓ \cdot b \cdot h$

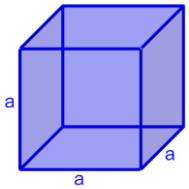
Würfel Beispiel:

a = 4 cm



$V_W = 4\ cm \cdot 4\ cm \cdot 4\ cm = 4^3\ cm^3 = 64\ cm^3$

Würfel allgemein:



$V_{Würfel} = a \cdot a \cdot a = a^3$