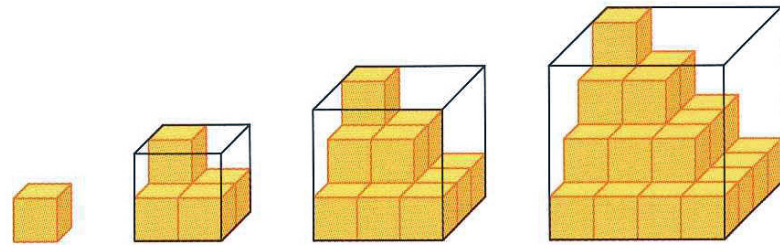


Pyramide: Herleitung Formel für das Volumen V



k = 1

k = 2

k = 3

k = 4

k = 5

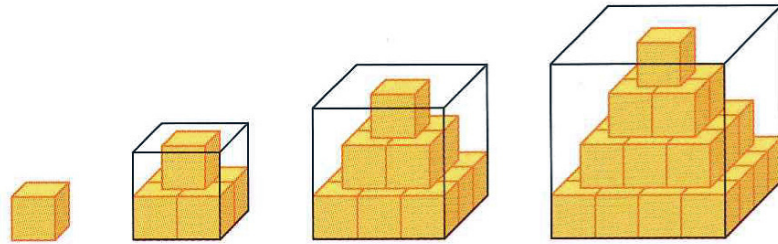
k = 6

k = 7

k = 8

k = 9

k = 10



Anzahl
Würfel :

1

5

14

30

55

91

140

204

285

385

Anzahl
Würfel
total:

1

8

27

64

125

216

343

512

729

1'000



$$V_P = \frac{1}{3} \cdot \text{Anzahl Würfel total}$$

(Volumenformel Pyramide)