Kvádr





VZOROVÝ PŘÍKLAD

Vypočítejte povrch kvádru, který má délky hran a = 4 cm, b = 3 cm, c = 5 cm.

a = 4 cm

b = 3 cm

c = 5 cm

S = ? (cm2)

S = 2 ⋅ a ⋅ b + 2 ⋅ b ⋅ c + 2 ⋅ a ⋅ c

S = 2 ⋅ 4 ⋅ 3 + 2 ⋅ 3 ⋅ 5 + 2 ⋅ 4 ⋅ 5

S = 24 + 30 + 40

S = 94 cm2

Povrch kvádru je 94 cm2.