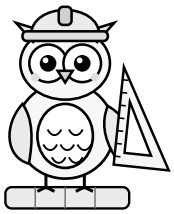
Nome : _____ Data : _____

PAPILUMO / Classe quarta (9–10 anni)

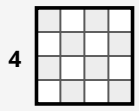
Quadrati, lato e radici quadrate

Trova il lato di ogni quadrato piastrellato, verifica lato × lato = area e calcola le sei radici quadrate.



Sacha il gufo architetto progetta cortili quadrati pieni di piastrelle. Aiutalo a scoprire la misura di ogni lato!

Esempio: un cortile quadrato di 16 piastrelle (4 × 4) ha il lato lungo 4.

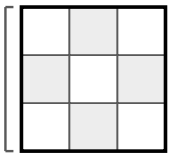


Area = 16 quadretti → **lato = 4** | $\sqrt{16} = 4$ (perché 4 × 4 = 16)

1. Trova il lato di ogni quadrato e verifica: lato × lato = area

A **Area = 9 quadretti**

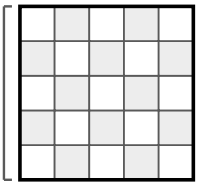
lato = ?



□ × □ = 9

B **Area = 25 quadretti**

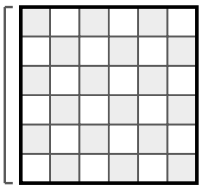
lato = ?



□ × □ = 25

C **Area = 36 quadretti**

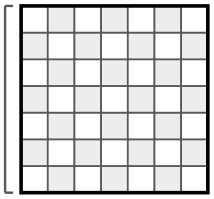
lato = ?



□ × □ = 36

D **Area = 49 quadretti**

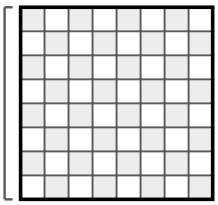
lato = ?



□ × □ = 49

E **Area = 64 quadretti**

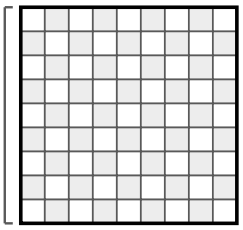
lato = ?



□ × □ = 64

F **Area = 81 quadretti**

lato = ?



□ × □ = 81

2. Calcola direttamente queste sei radici quadrate

1. $\sqrt{4} =$ □
2. $\sqrt{100} =$ □
3. $\sqrt{121} =$ □
4. $\sqrt{144} =$ □
5. $\sqrt{1} =$ □
6. $\sqrt{81} =$ □

Consiglio da architetto: cercare la radice quadrata significa trovare quale numero moltiplicato per sé stesso dà l'area.