I poligoni regolari

GEOMETRIA | 5ª

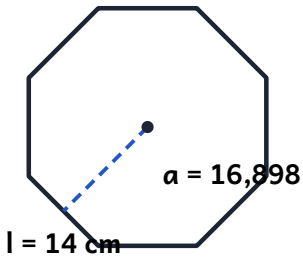
Leggi le misure sulla figura (non è in scala), scrivi la formula e calcola perimetro e area.

NOME _____

DATA _____

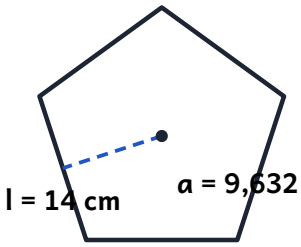
P = l × numero dei lati · A = P × *a* : 2 (*a* = apotema)

Ottagono regolare



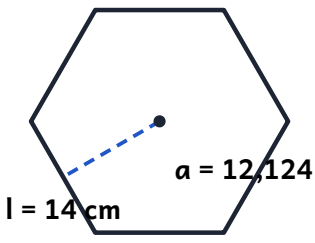
P = _____ A = _____

Pentagono regolare



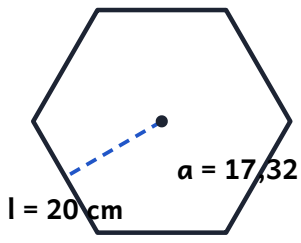
P = _____ A = _____

Esagono regolare



P = _____ A = _____

Esagono regolare



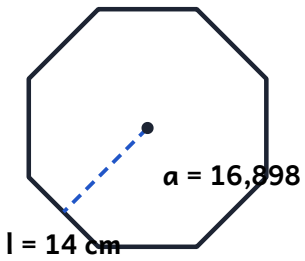
P = _____ A = _____

I poligoni regolari

SOLUZIONI

P = l × numero dei lati · A = P × *a* : 2 (*a* = apotema)

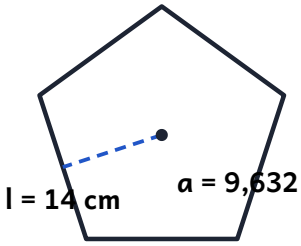
Ottagono regolare



P = 14 × 8 = 112 cm
A = 112 × 16,898 : 2 = 946,288 cm²

P = _____ A = _____

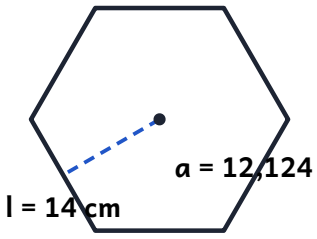
Pentagono regolare



P = 14 × 5 = 70 cm
A = 70 × 9,632 : 2 = 337,12 cm²

P = _____ A = _____

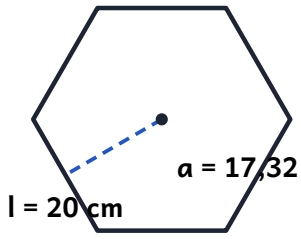
Esagono regolare



P = 14 × 6 = 84 cm
A = 84 × 12,124 : 2 = 509,208 cm²

P = _____ A = _____

Esagono regolare



P = 120 × 6 = 120 cm
A = 120 × 17,32 : 2 = 1.039,2 cm²

P = _____ A = _____