I poligoni regolari

GEOMETRIA | 5ª

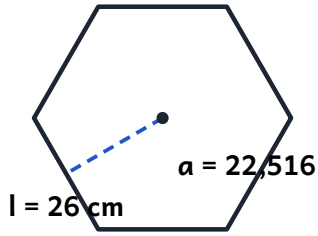
Leggi le misure sulla figura (non è in scala), scrivi la formula e calcola perimetro e area.

NOME _____

DATA _____

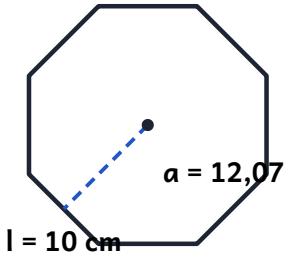
P = l × numero dei lati · A = P × *a* : 2 (*a* = apotema)

Esagono regolare



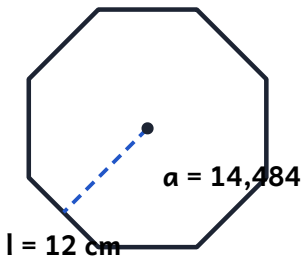
P = _____ A = _____

Ottagono regolare



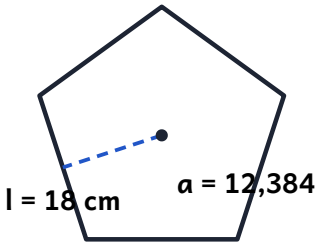
P = _____ A = _____

Ottagono regolare



P = _____ A = _____

Pentagono regolare



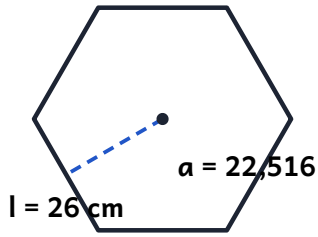
P = _____ A = _____

I poligoni regolari

SOLUZIONI

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

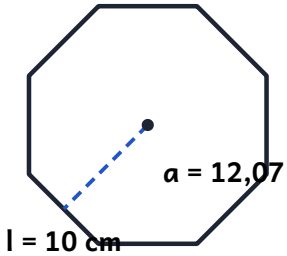
Esagono regolare



P = 26 × 6 = 156 cm
A = 156 × 22,516 : 2 = 1.756,248 cm²

P = _____ A = _____

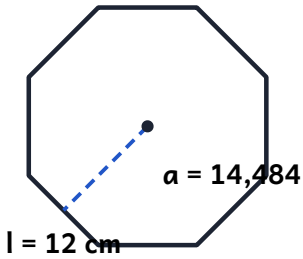
Ottagono regolare



P = 10 × 8 = 80 cm
A = 80 × 12,07 : 2 = 482,8 cm²

P = _____ A = _____

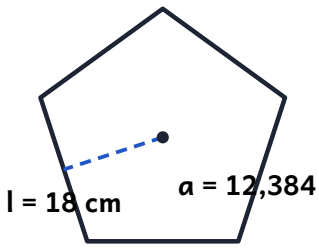
Ottagono regolare



P = 12 × 8 = 96 cm
A = 96 × 14,484 : 2 = 695,232 cm²

P = _____ A = _____

Pentagono regolare



P = 18 × 5 = 90 cm
A = 90 × 12,384 : 2 = 557,28 cm²

P = _____ A = _____