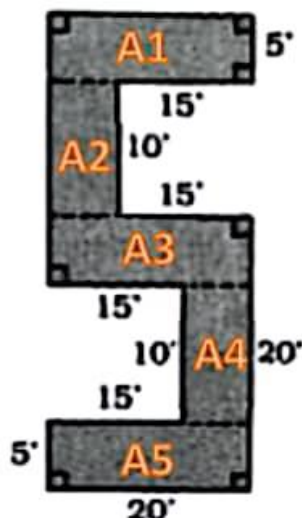


Hallar el área de cada figura.

8)



$$A = A1 + A2 + A3 + A4 + A5$$

$$A1 = l \times a = 20 \times 5 = 100$$

$$A2 = l \times a = 10 \times 5 = 50$$

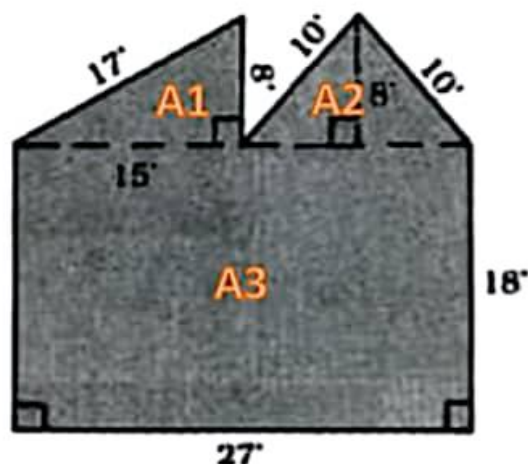
$$A3 = l \times a = 20 \times 5 = 100$$

$$A4 = l \times a = 10 \times 5 = 50$$

$$A5 = l \times a = 20 \times 5 = 100$$

$$A = 100 + 50 + 100 + 50 + 100 = 400$$

9)



$$A = A1 + A2 + A3$$

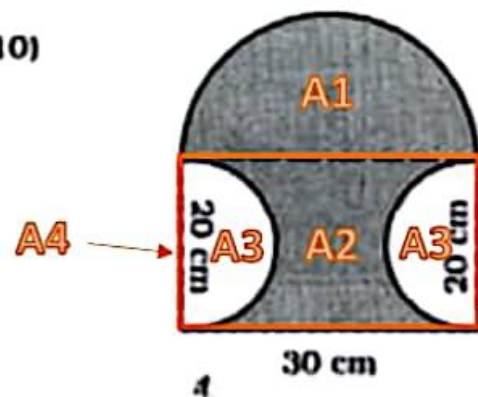
$$A1 = \frac{b \times h}{2} = \frac{15 \times 8}{2} = 60$$

$$A2 = \frac{b \times h}{2} = \frac{12 \times 8}{2} = 48$$

$$A3 = l \times a = 27 \times 18 = 486$$

$$A = 60 + 48 + 486 = 594$$

10)



$$A = A1 + A2$$

$$A1 = \frac{\pi r^2}{2} = \frac{\pi \left(\frac{30}{2}\right)^2}{2} = \frac{\pi (15)^2}{2} = 353.43$$

$$A2 = A4 - 2A3$$

$$A4 = l \times a = 30 \times 20 = 600$$

$$A3 = \frac{\pi r^2}{2} = \frac{\pi \left(\frac{20}{2}\right)^2}{2} = \frac{\pi (10)^2}{2} = 157.08$$

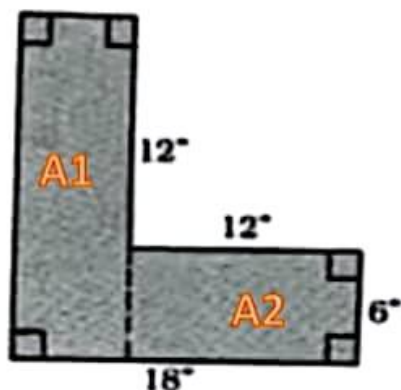
$$A2 = 600 - 2(157.08) = 285.84$$

$$A = 353.43 + 285.84 = 639.27$$

10.4 Repaso

Hallar perímetro y área de cada figura.

1)



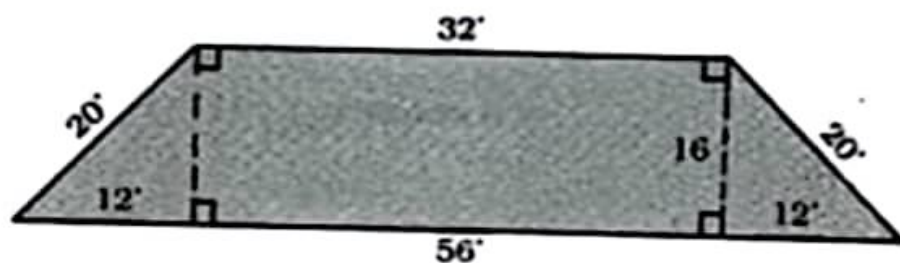
$$A = A1 + A2$$

$$A1 = l \times a = 18 \times 6 = 108$$

$$A2 = l \times a = 12 \times 6 = 72$$

$$A = 108 + 72 = 180$$

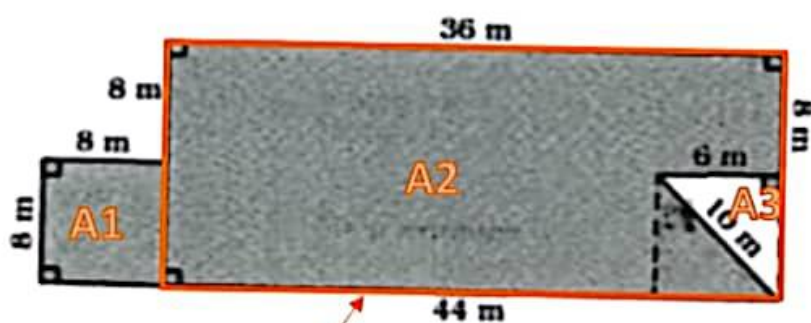
$$Per = 6 + 18 + 18 + 6 + 12 + 12 = 72$$



$$A = \frac{(B + b)}{2} \times h$$

$$= \frac{(56 + 32)}{2} \times 16 = 704$$

$$Per = 56 + 32 + 20 + 20 = 128$$



A4

Hallar el área de cada figura.

$$A = A1 + A2$$

$$A1 = l^2 = 8^2 = 64$$

$$A2 = A4 - A3$$

$$A4 = l \times a = 36 \times 16 = 576$$

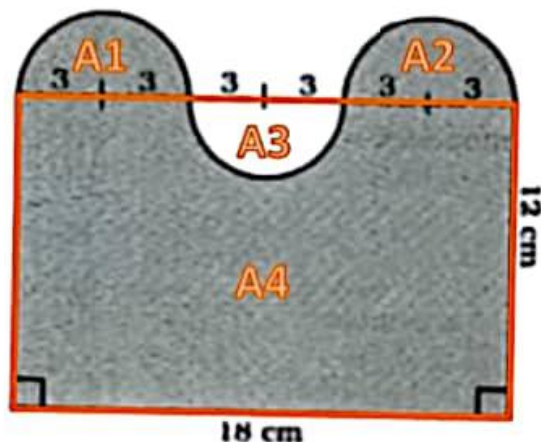
$$A3 = \frac{b \times h}{2} = \frac{6 \times 8}{2} = 24$$

$$A2 = 576 - 24 = 552$$

$$A = 64 + 552 = 616$$

$$Per = 36 + 8 + 6 + 10 + 44 + 8 + 8 + 8 = 128$$

4)

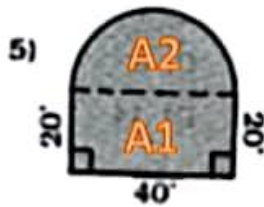


$$A = A4 + A1 + A2 - A3$$

$$A1 = A2 = A3 = \frac{\pi r^2}{2} = \frac{\pi 3^2}{2} = 14.14$$

$$A4 = l \times a = 18 \times 12 = 216$$

$$A = 216 + 14.14 + 14.14 - 14.14 = 230.14$$

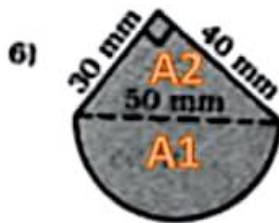


$$A = A1 + A2$$

$$A1 = l \times a = 40 \times 20 = 800$$

$$A2 = \frac{\pi r^2}{2} = \frac{\pi \left(\frac{40}{2}\right)^2}{2} = \frac{\pi (20)^2}{2} = 628.32$$

$$A = 800 + 628.32 = 1428.32$$



$$A = A1 + A2$$

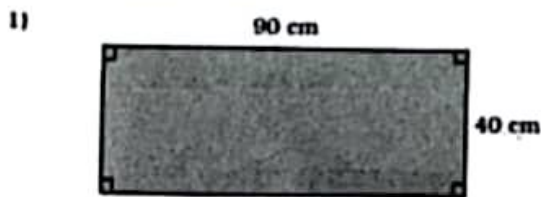
$$A1 = \frac{\pi r^2}{2} = \frac{\pi \left(\frac{50}{2}\right)^2}{2} = \frac{\pi (25)^2}{2} = 981.75$$

$$A2 = \frac{b \times h}{2} = \frac{50 \times 30}{2} = 750$$

$$A = 981.75 + 750 = 1731.75$$

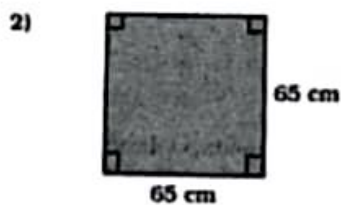
Ejercicio 10.3

Hallar el perímetro y área de cada figura.



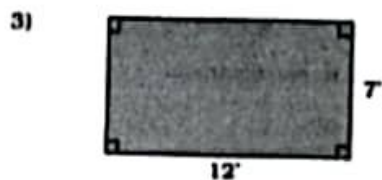
$$A = l \times a = 90 \times 40 = 3600$$

$$Per = 2l + 2a = 2(90) + 2(40) = 260$$



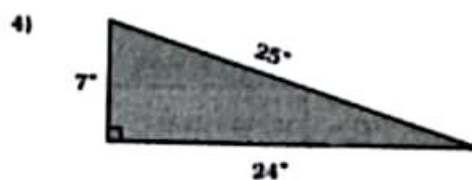
$$A = l^2 = 65^2 = 4225$$

$$Per = 4l = 4(65) = 260$$



$$A = l \times a = 12 \times 7 = 84$$

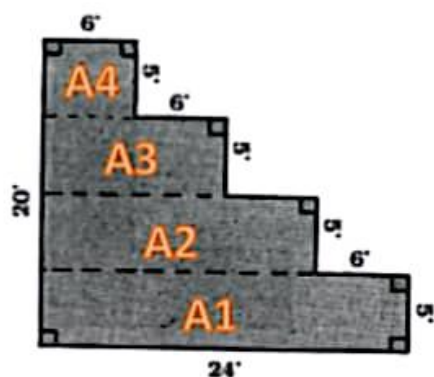
$$Per = 2l + 2a = 2(12) + 2(7) = 38$$



$$A = \frac{b \times h}{2} = \frac{24 \times 7}{2} = 84$$

$$Per = l_1 + l_2 + l_3 = 7 + 24 + 25 = 56$$

5)



$$A = A1 + A2 + A3 + A4$$

$$A1 = l \times a = 24 \times 5 = 120$$

$$A2 = l \times a = 18 \times 5 = 90$$

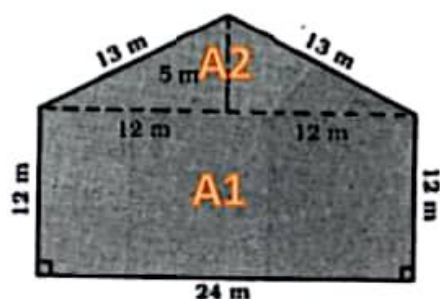
$$A3 = l \times a = 12 \times 5 = 60$$

$$A4 = l \times a = 6 \times 5 = 30$$

$$A = 120 + 90 + 60 + 30 = 300$$

$$\begin{aligned} Per &= 6 + 6 + 6 + 6 + 5 + 5 + 5 + 5 + 24 + 20 \\ &= 2(24) + 2(20) = 88 \end{aligned}$$

6)



$$A = A1 + A2$$

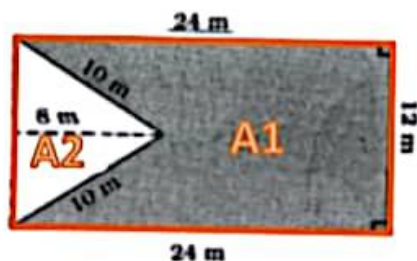
$$A1 = l \times a = 24 \times 12 = 288$$

$$A2 = \frac{b \times h}{2} = \frac{24 \times 5}{2} = 60$$

$$A = 288 + 60 = 348$$

$$Per = 13 + 13 + 12 + 24 + 12 = 74$$

7)



$$A = A1 - A2$$

$$A1 = l \times a = 24 \times 12 = 288$$

$$A2 = \frac{b \times h}{2} = \frac{8 \times 12}{2} = 48$$

$$A = 288 - 48 = 240$$

$$Per = 24 + 12 + 24 + 10 + 10 = 80$$