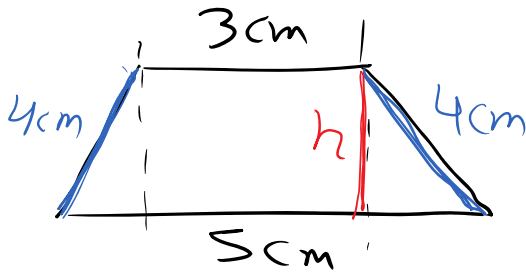
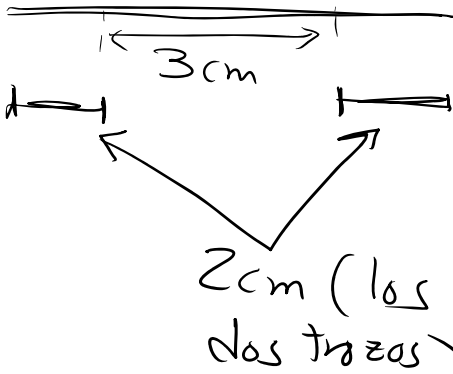


26



$$P = 5 + 4 + 3 + 4 = \underline{16 \text{ cm}}$$



Teorema de Pitágoras

$$4^2 = 1^2 + h^2$$

$$16 = 1 + h^2$$

$$16 - 1 = h^2$$

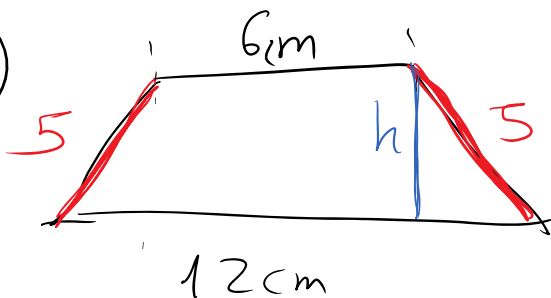
$$15 = h^2$$

$$\sqrt{15} = h$$

$$3,87 = h$$

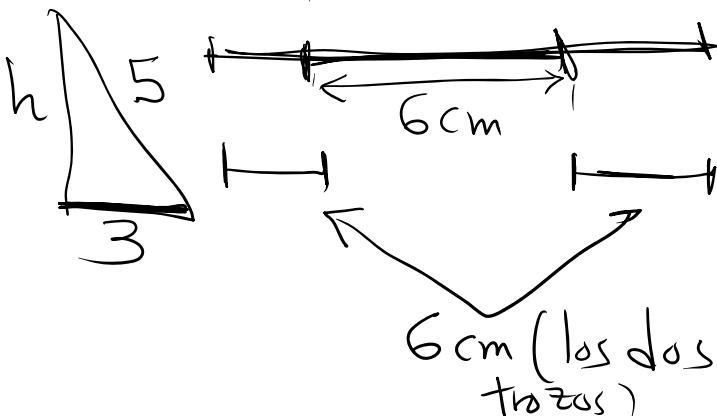
$$A = \frac{(B+b)h}{2} = \frac{(5+3) \cdot 3,87}{2} = \underline{15,48 \text{ cm}^2}$$

27



$$P = 28 \text{ cm}$$

$$\frac{28 - 12 - 6}{2} = 5$$



Teorema de Pitágoras

$$5^2 = 3^2 + h^2$$

$$25 = 9 + h^2$$

$$25 - 9 = h^2$$

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

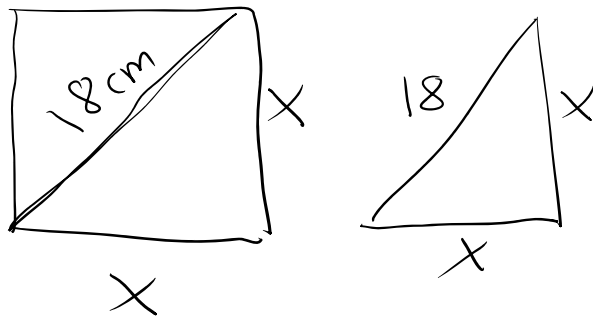
$$= \frac{(12+6) \cdot 4}{2} = 36 \text{ cm}^2$$

$$16 = h^2$$

$$\sqrt{16} = h$$

$$4 = h$$

28



Teorema de Pitágoras

$$18^2 = x^2 + x^2$$

$$324 = 2x^2$$

$$\frac{324}{2} = x^2$$

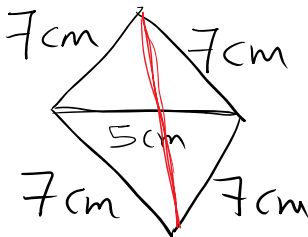
$$162 = x^2$$

$$\sqrt{162} = x$$

$$12,73 = x$$

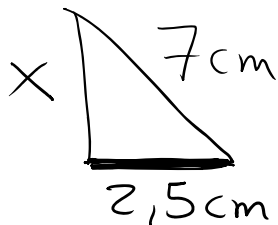
$$A = x^2 = 12,73^2 = 162,05 \text{ cm}^2$$

29



$$P = 4 \cdot 7 = 28 \text{ cm}$$

$$A = \frac{D \cdot d}{2}$$



Teorema de Pitágoras

$$7^2 = 2,5^2 + x^2$$

$$49 = 6,25 + x^2$$

$$49 - 6,25 = x^2$$

$$42,75 = x^2$$

$$\sqrt{42,75} = x$$

$$6,54 = x = \text{la mitad de la diagonal mayor}$$

$$D = 2 \cdot 6,54 = 13,08 \text{ cm}$$

$$A = \frac{13,08 \cdot 5}{2} = 32,7 \text{ cm}^2$$

Página 253

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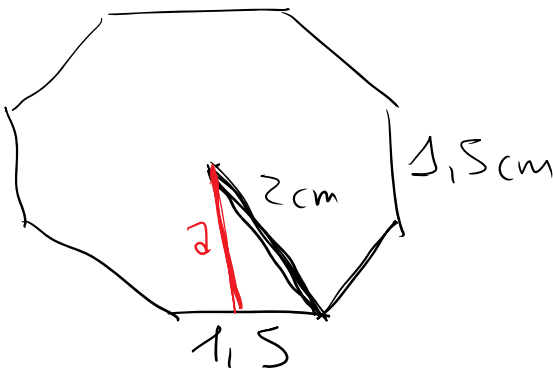


$$p = 12 \text{ cm}$$

$$l = 12 : 6 = 2 \text{ cm}$$

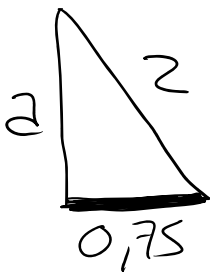
$$A = \frac{p \cdot a}{2} = \frac{12 \cdot 1,7}{2} = 10,2 \text{ cm}^2$$

37



$$\text{radio} = 2 \text{ cm}$$

$$\text{lado} = 1,5 \text{ cm}$$



Teorema de Pitágoras

$$2^2 = 0,75^2 + a^2$$

$$0,75^2 =$$

$$4 = 0,56 + a^2$$

$$= 0,75 \cdot 0,75$$

$$= 0,5625$$

$$4 - 0,56 = a^2$$

$$3,44 = a^2$$

$$\sqrt{3,44} = a$$

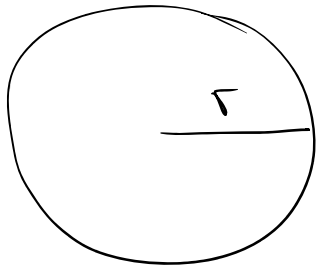
$$1,85 = a$$

$$A = \frac{P \cdot a}{2} = \frac{8 \cdot 1,5 \cdot 1,85}{2} = \boxed{11,1 \text{ cm}^2}$$

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Páginas 254 y 255

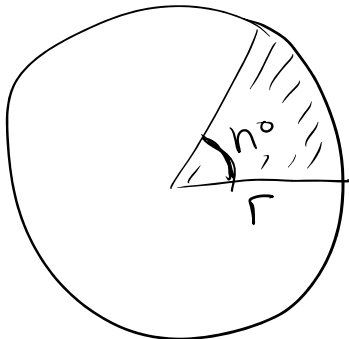
Área del círculo:



$$A = \pi \cdot r^2$$

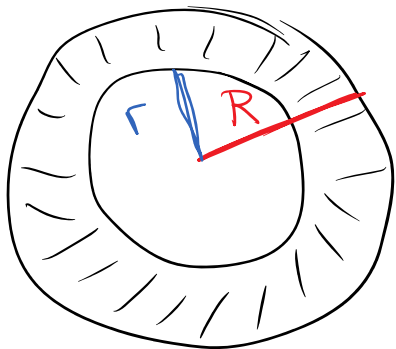
SHIFT EXP

Área del sector circular



$$A = \frac{\pi r^2 \cdot n^\circ}{360^\circ}$$

Área de la corona circular



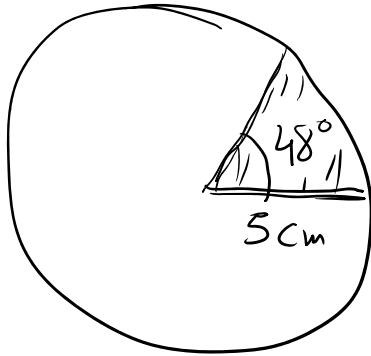
$$A = \pi (R^2 - r^2)$$

42

Radio	Área
50 cm	$\pi \cdot 50^2 = 7853,98 \text{ cm}^2$
7 km	$\pi \cdot 7^2 = 153,94 \text{ km}^2$
0,25 m	$\pi \cdot 0,25^2 = 0,20 \text{ m}^2$

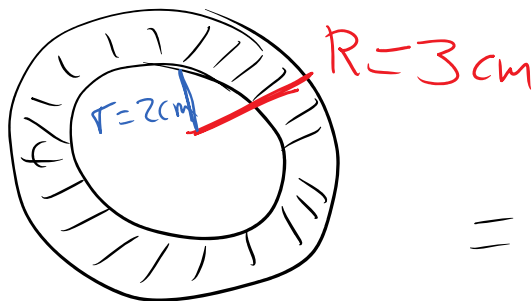
43

a)



$$A = \frac{\pi \cdot 5^2 \cdot 48^\circ}{360^\circ}$$
$$= 10,47 \text{ cm}^2$$

b)



$$A =$$
$$= A_{\text{circulo grande}} - A_{\text{circulo pequeño}} =$$
$$= \pi \cdot 3^2 - \pi \cdot 2^2 =$$
$$= 15,71 \text{ cm}^2$$

Para hacer mañana viernes 29

Página 253 → 38, 39 y 40

Página 254 → 44

