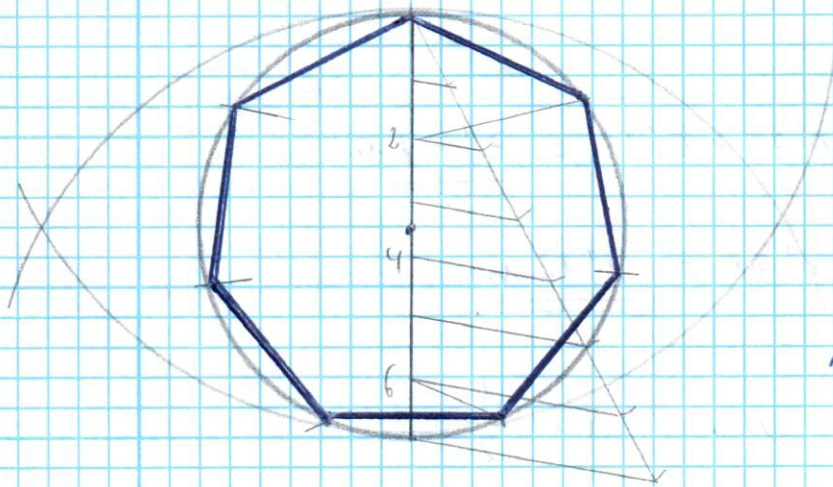


(21)



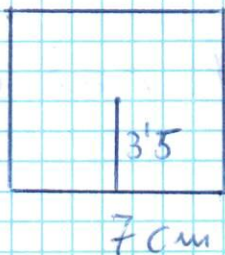
$$l = 6 \text{ cm}$$

$$A = 130'8 \text{ cm}^2$$

$$A = \frac{P \cdot a}{2} \quad // \quad 130'8 = \frac{6 \cdot 7 \cdot a}{2} \quad // \quad a = \frac{130'8 \cdot 2}{42}$$

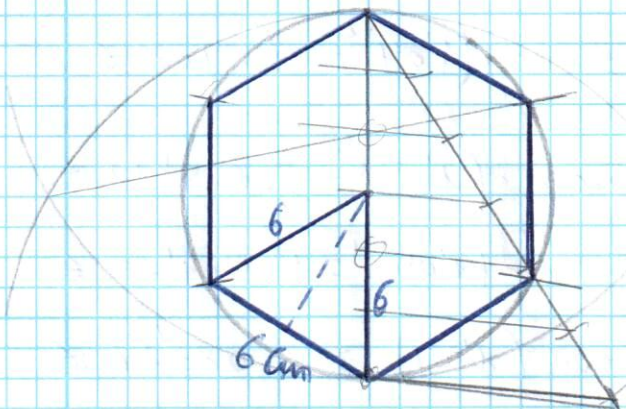
$$= 6'23 \text{ m} \quad // \quad \boxed{a = 6'23 \text{ m}}$$

(22)



$$A = \frac{P \cdot a}{2} = \frac{28 \cdot 3'5}{2} = 49 \text{ cm}^2$$

(23)



$$6^2 = 3^2 + a^2$$

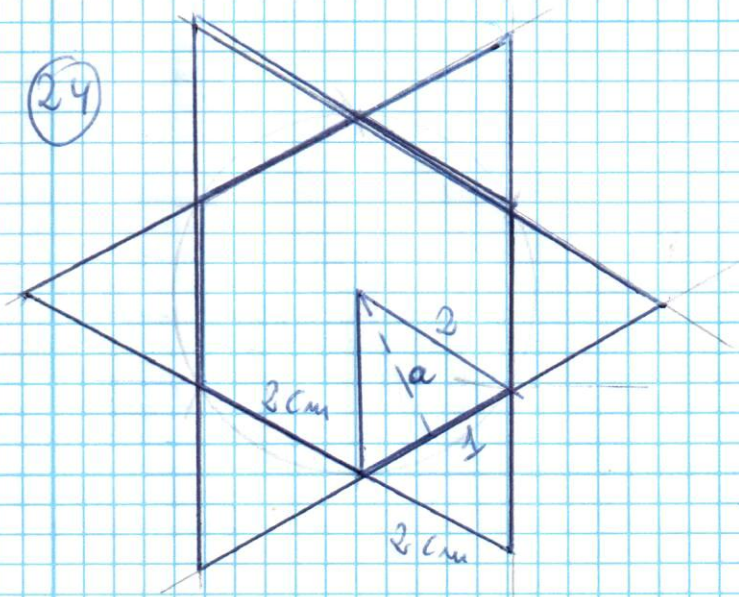
$$a^2 = 6^2 - 3^2 = 36 - 9 = 27$$

$$a = \sqrt{27} = 5'2 \text{ cm}$$

$$A = \frac{P \cdot a}{2} = \frac{36 \cdot 5'2}{2}$$

$$= 93'6 \text{ cm}^2$$

24



$$2^2 = 1^2 + a^2$$

$$a^2 = 2^2 - 1^2 = 4 - 1 = 3$$

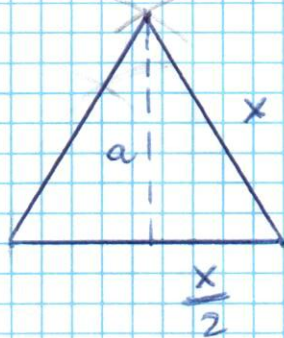
$$a = \sqrt{3} = 1.73 \text{ cm}$$

$$A = \frac{P \cdot a}{2} = \frac{12 \cdot 1.73}{2} = 10.38$$

Los triángulos exteriores son iguales a los interiores, por lo tanto

$$A = 10.38 \times 2 = \underline{\underline{20.76 \text{ cm}^2}}$$

25



$$x^2 = a^2 + \left(\frac{x}{2}\right)^2 = a^2 + \frac{x^2}{4}$$

$$x^2 - \frac{x^2}{4} = a^2 \quad // \quad a = \sqrt{\frac{3x^2}{4}}$$

$$A = \frac{b \cdot a}{2} \quad // \quad 2 = \frac{x \cdot \sqrt{\frac{3x^2}{4}}}{2} = \frac{x \cdot \sqrt{\frac{3}{4}} \cdot x}{2} = \frac{x^2 \cdot 0.87}{2}$$

$$2 = \frac{x^2 \cdot 0.87}{2} \quad // \quad x^2 = \frac{2 \cdot 2}{0.87} = \frac{4}{0.87} \quad // \quad x = \sqrt{\frac{4}{0.87}} =$$

$$= \sqrt{4.6} \quad // \quad \underline{\underline{x = 2.14 \text{ dm}}}$$