

$$3) 9xz^3 + 7xz^3 - 5xz^3$$

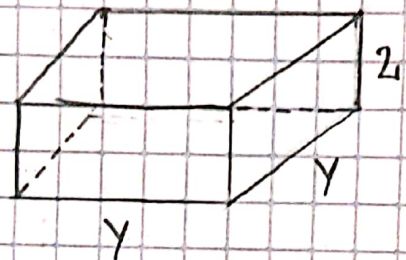
$$11xz^3$$

$$2) -4x^2y^2z^2 + 15x^2y^2z^2 - 6x^2y^2z^2$$

$$11x^2y^2z^2 - 6x^2y^2z^2$$

$$5x^2y^2z^2$$

1)



$$y + y = y^2 \quad y^2 + 2 = 2y^2$$

$$4) (m^2 + n^2)(m^2 - n^2)$$

$$(m^2)^2 - (n^2)^2$$

$$m^4 - n^4$$

$$5) [(m+n)(m+n)] - (m^2 + 2mn + n^2)$$

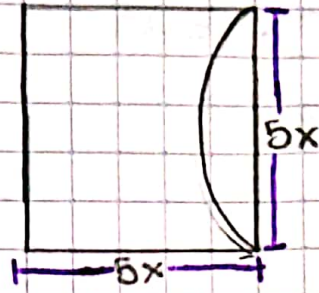
$$*(m+n)^2 - m^2 - 2mn - n^2$$

$$*m^2 + 2mn + n^2 - m^2 - 2mn - n^2$$

$$*0 + 0 + 0$$

$$*0$$

7)



$$*A = 5x \cdot 5x = 25x^2$$

$$*A_c = \pi r^2$$

$$= \pi \left(\frac{5x}{2}\right)^2$$

$$= \pi \frac{25x^2}{2}$$

$$r = \frac{5x}{2}$$

$$*A_s = 25x^2 - \frac{25\pi}{2} x^2$$

9)

$$a^2 = b^2 + c^2$$

$$a^2 = 96^2 + 79^2$$

$$a^2 = 9.219 + 6.241$$

$$a = \sqrt{15.460}$$

$$a = 124.33 \rightarrow \text{diagonal}$$

1 pulgada

2,54 cm

$$x = \underline{\underline{48,9}}$$

$$x = 124,33 \cdot 1$$

10)

$$13 \cdot 13 = 169 \quad 9 \cdot 9 = 81$$

$$169 + 81$$

$$250$$

$$\sqrt{250}$$

$$15,8$$