

evaluacion final cuarto
Periodo

$$1) y \cdot y \cdot 2 =$$

$$y + y$$

$$y^2 \cdot 2 = 2y^2$$

2)

$$6x^2y^2z^2$$

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

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

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

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

$$= 16xz^3 - 5xz^3 = 11xz^3$$

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

$$\begin{array}{r} m^2 + n^2 \\ m^2 - n^2 \\ \hline m^4 - n^4 \\ \hline m^4 - m^2 n^2 \\ \hline m^4 - m^2 n^2 - n^4 \end{array}$$

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

$$[m^2 + 2mn + n^2] - [m^2 + n^2 + 2mn + n^2]$$

$$= 0$$

$$6) 10 \cdot x \cdot 34 = 340 \cdot x$$

$$7) \pi r^2 \quad r \frac{5x}{2}$$

$$\pi \left(\frac{5x}{2}\right)^2 \quad \pi \frac{25x^2}{2}$$

$$8) \quad 8,8^2 - 2,4^2$$

$$77,44 - 5,76 = \sqrt{71,68}$$

$$8,46$$

$$11,2^2 - 8,46^2$$

$$125,44 - 71,5716 = 53,8684$$

$$\sqrt{53,8684} = 7,31$$

9)

$$9^2 = 96^2 + 79^2$$

$$9^2 = 9,219 + 6,241$$

$$9 = \sqrt{15,460}$$

$$9 = 124,33 = 55$$

$$10) \quad 13^2 + 14^2$$

$$169 + 196 = 365$$

$$\sqrt{365}$$

$$= 19.1$$