



Resuelve las siguientes multiplicaciones con polinomios

1) $-5(x - 5) =$

2) $-16m^3 n^3 (8m^2 n^4 - 15x^3 m^2 + 12) =$

3) $-3y(2x^2 + 3y) =$

4) $-3a^2 b^3 (-3a^2 b^3 + 5) =$

5) $-4x(x^2 - 5x + 25) =$

6) $2x^3 y(x^6 - 5x^3 y^2 + 25y^2) =$

7) $2x^2 y(4x^4 - 6x^2 y + 9y^2) =$

8) $(x + 5)(x - 5) =$

9) $(2x + 3y)(4x - 3y) =$

10) $(2x^2 - 3y)(2x^2 + 3y) =$

11) $(-3a^2 b^3 + 5)(-3a^2 b^3 + 5) =$

12) $(x + 5)(x^2 - 5x + 25) =$

13) $(x^3 + 5y)(x^6 - 5x^3 y^2 + 25y^2) =$

14) $(2x^2 + 3y)(4x^4 - 6x^2 y + 9y^2) =$

15) $(-3a^2 b^3 + 5)(9a^4 b^6 + 15a^2 b^3 + 25) =$

16) $-7(h - 7) =$

17) $2h(4h - 5m) =$

18) $5m(2h^2 + 5m) =$

19) $-5r^2 c^5 (-5r^2 c^5 + 7) =$

20) $-4h(h^2 - 7h + 27) =$

21) $2h^5 m(h^6 - 7h^5 m^2 + 27m^2) =$

22) $2h^2 m(4h^4 - 6h^2 m + 3m^2) =$

23) $(h + 7)(h - 7) =$

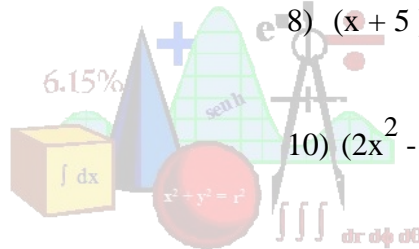
24) $(2h + 5m)(4h - 5m) =$

25) $(2h^2 - 5m)(2h^2 + 5m) =$

26) $(-5r^2 c^5 + 7)(-5r^2 c^5 + 7) =$

27) $(h + 7)(h^2 - 7h + 27) =$

28) $(h^5 + 7m)(h^6 - 7h^5 m^2 + 27m^2) =$



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$$29) (2h^2 + 5m)(4h^4 - 6h^2m + 3m^2) =$$

$$30) (-5r^2c^5 + 7)(3r^4c^6 + 17r^2c^5 + 27) =$$

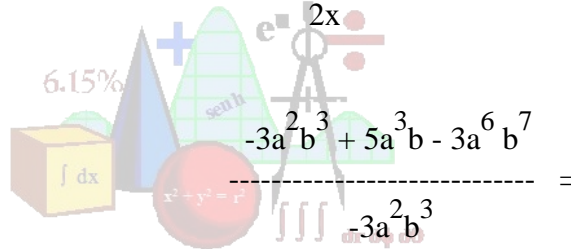


Resolver las siguientes divisiones con polinomios

$$\begin{array}{r} x^2 - 5x \\ \hline -x \end{array} =$$

$$\begin{array}{r} 4x - 8x^4 + 2x^3 \\ \hline \end{array} =$$

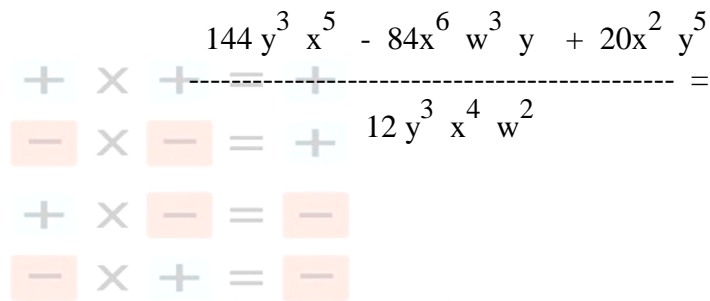
$$\begin{array}{r} 2yx^2 + 3y \\ \hline 3y \end{array} =$$



$$\begin{array}{r} 16x^2 - 5x + 20x^4 \\ \hline -4x \end{array} =$$

$$\begin{array}{r} x^6 - 5x^3y^2 + 25y^2 \\ \hline 2x^3y \end{array} =$$

$$\begin{array}{r} 4x^4 - 6x^2y + 9y^2 \\ \hline 2x^2y \end{array} =$$



$$\begin{array}{r} 2yx + 3y^2x - 3y^3 \\ \hline 6y \end{array} =$$

$$\begin{array}{r} 2x^2y^5 - 3yx^2 + 3yx^3 \\ \hline x^2y^3 \end{array} =$$

$$\begin{array}{r} -3a^2b^3 \\ \hline 6a^4b^2 \end{array} =$$

$$\begin{array}{r} 10z^2v^5 \\ \hline 5x^3v^6z^2 \end{array} =$$