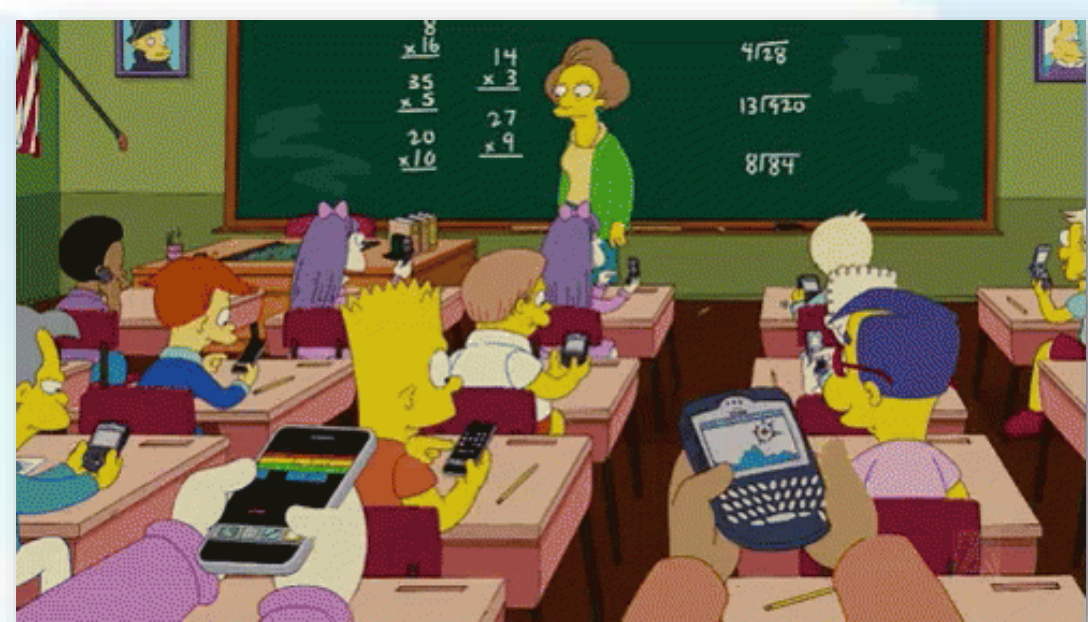


# EJERCICIO DIVISIÓN DE POLINOMIOS

Escribe en el portafolio las siguientes divisiones y solucíonalas, completando los espacios correspondientes. Para solucionar cada división van a tener un tiempo de 15 minutos.





$5x^4 - 5x^3 + 4x^2 - 14x + 6 \mid x - 1$

■  $x^4$  + ■  $x^3$ 

■  $x^0$  + ■  $x -$  ■

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$4x^2 - 14x$

■  $x^2$  + ■  $x$

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■  $x$  + ■

■  $x -$  ■

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■

$$15x^5 + 4x^4 + 22x^3 + 9x^2 - 5x - 1 \quad | \quad 3x^2 - x + 5$$


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$$-15x^5 + \color{magenta}x^4 \color{green}x^3 \quad \color{magenta}x^{\color{green}} + \color{cyan}x^2 \color{black}$$

$$9x^4 \color{magenta}x^3 \color{green}x^2$$


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$$-9x^4 \color{magenta}x^3 \color{green}x^2$$

$$\color{magenta}x^2 \color{green}x - 1$$


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$$\color{magenta}x^2 \color{green}x + 10$$

$$\color{magenta}x + \color{green}$$



$$\begin{array}{r} -3x^4 + 4x^3 - 3x^2 + 6x + 8 \quad | \quad x+1 \\ \hline \color{red}{\square} x^4 \quad \color{yellow}{\square} x^3 \qquad \color{red}{\square} x^{\color{yellow}{\bullet}} + \color{green}{\square} x^2 \quad \color{blue}{\square} x + 16 \end{array}$$

$$\begin{array}{r} \color{red}{\square} x^3 \quad \color{yellow}{\square} x^2 \\ \color{red}{\square} x^3 \quad \color{yellow}{\square} x^2 \\ \hline \end{array}$$

$$\begin{array}{r} \color{red}{\square} x^2 \quad \color{yellow}{\square} x \\ \color{red}{\square} x^2 \quad \color{yellow}{\square} x \\ \hline \end{array}$$

$$\begin{array}{r} +16x + 8 \\ \hline -16x - 16 \end{array}$$



$$2x^5 + x^4 - x^3 + 13x^2 - 3x + 3 \mid x^2 - x + 3$$

$$\underline{-2x^5 + \color{magenta}x^4 \color{green}x^3} \qquad \color{magenta}x^3 + \color{green}x - \color{black}x$$

$$3x^4 - \color{magenta}x^3 + \color{green}x^2$$

$$\underline{-3x^4 + \color{magenta}x^3 - \color{green}x^2}$$

$$-4x^3 \color{magenta}x^2 - \color{green}x$$

$$+4x^3 \color{magenta}x^2 \color{green}x$$


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$$\color{magenta}x + \color{green}$$

