$$(3x^3+5x^2+7x+5):(x+1)$$
 $[3x^2+2x+5]$

(a)
$$(x^5 + x^4 + 2x^3 - 3x^2 - 7) \cdot (x + 4)$$
 $[x^4 - 3x^3 + 14x^2 - 59x + 236 - \frac{951}{472}]$

(a)
$$x^3 - x^2 - \theta x + 12 = 0$$

$$[(x-2)(x-2)(x+3)=0]$$

(b)
$$x^3 - 5x^2 + Px - 4 = 0$$

$$[(x-1)(x-2)(x-2)=0]$$

$$(x^4-4x^3+16x-16=0)$$

(a)
$$x^4 + 6x^3 + 14x^2 + 18x + 9 = 0$$
 $[(x^2 + 2x + 3)(x + 3)(x + 1) = 0]$

$$[(x^2+2x+3)(x+3)(x+1)=0]$$

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(a)
$$2x-5$$

 x^2-5x+6

$$\begin{bmatrix} 1 & 1 \\ X-3 & X-2 \end{bmatrix}$$

$$\begin{array}{c} 5 \\ \hline (x-2)(x-7) \end{array}$$

$$\begin{bmatrix} -1 \\ x-2 \end{bmatrix} + \frac{1}{x-7}$$

$$\begin{bmatrix} -1 & \frac{1}{2} & \frac{1}{2} \\ x & x-1 & x+1 \end{bmatrix}$$

$$\bigcirc 1$$
 x^3-1

$$\begin{bmatrix} \frac{1}{3} & \frac{1}{3}x + \frac{2}{3} \\ x - 1 & x^2 + x + 1 \end{bmatrix}$$





