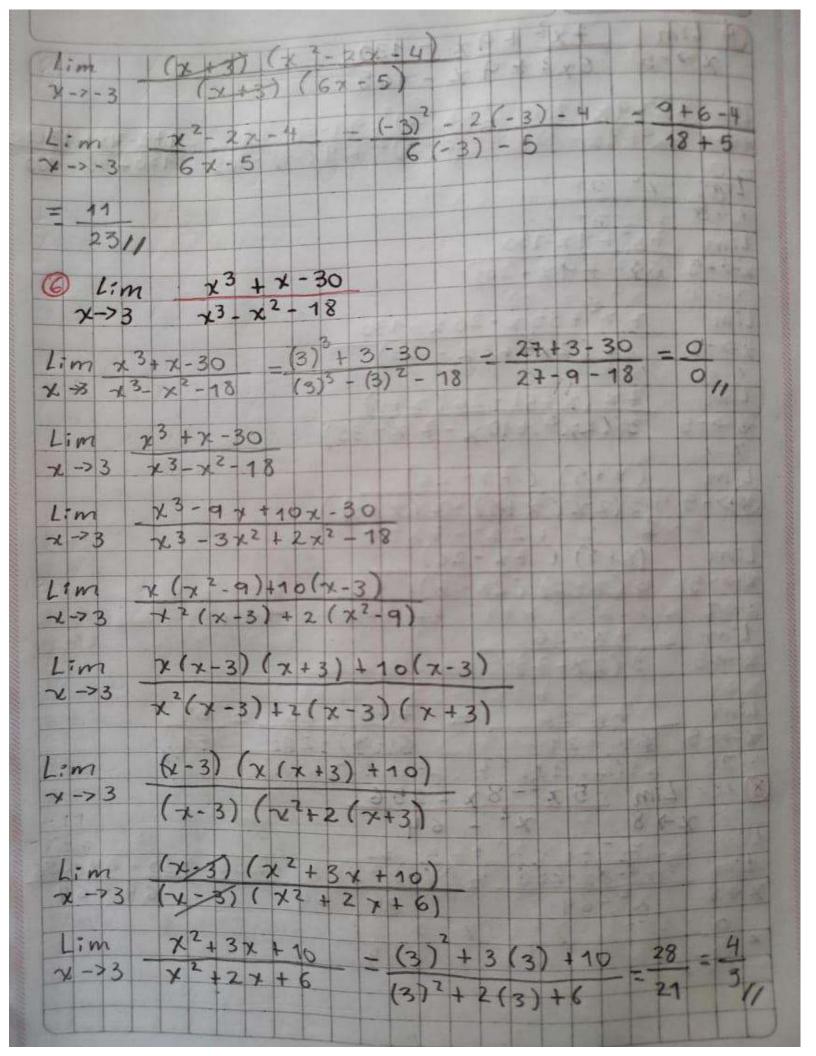
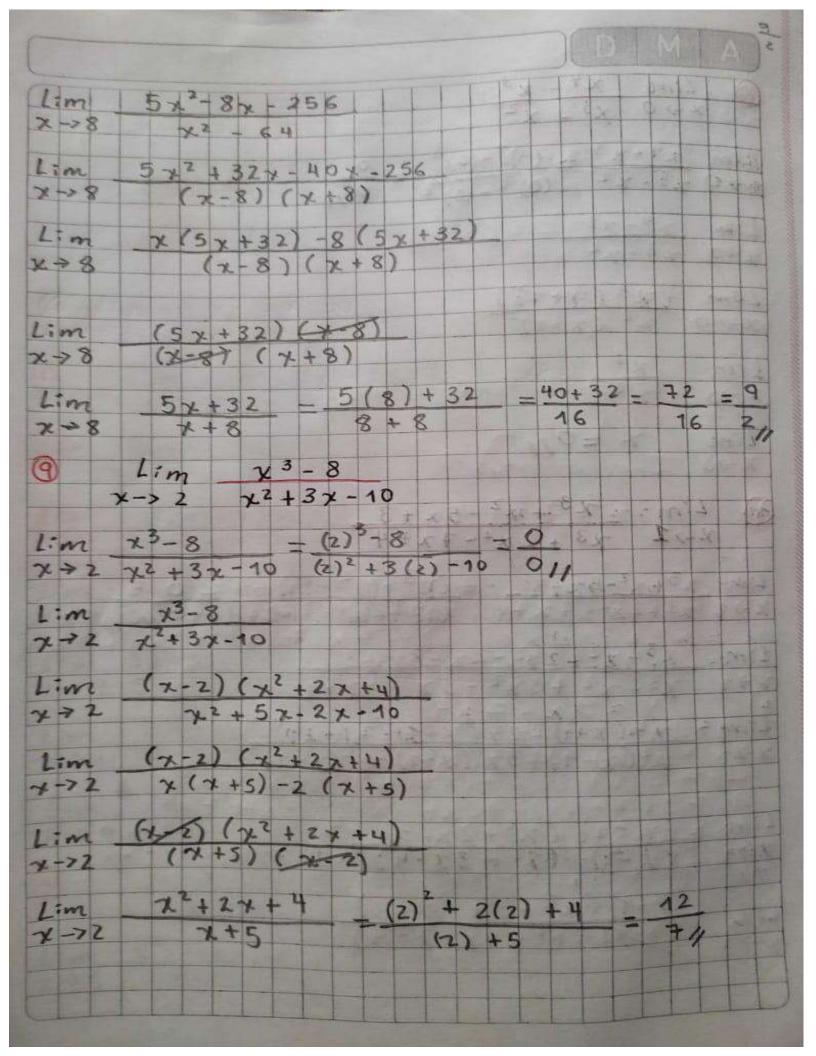
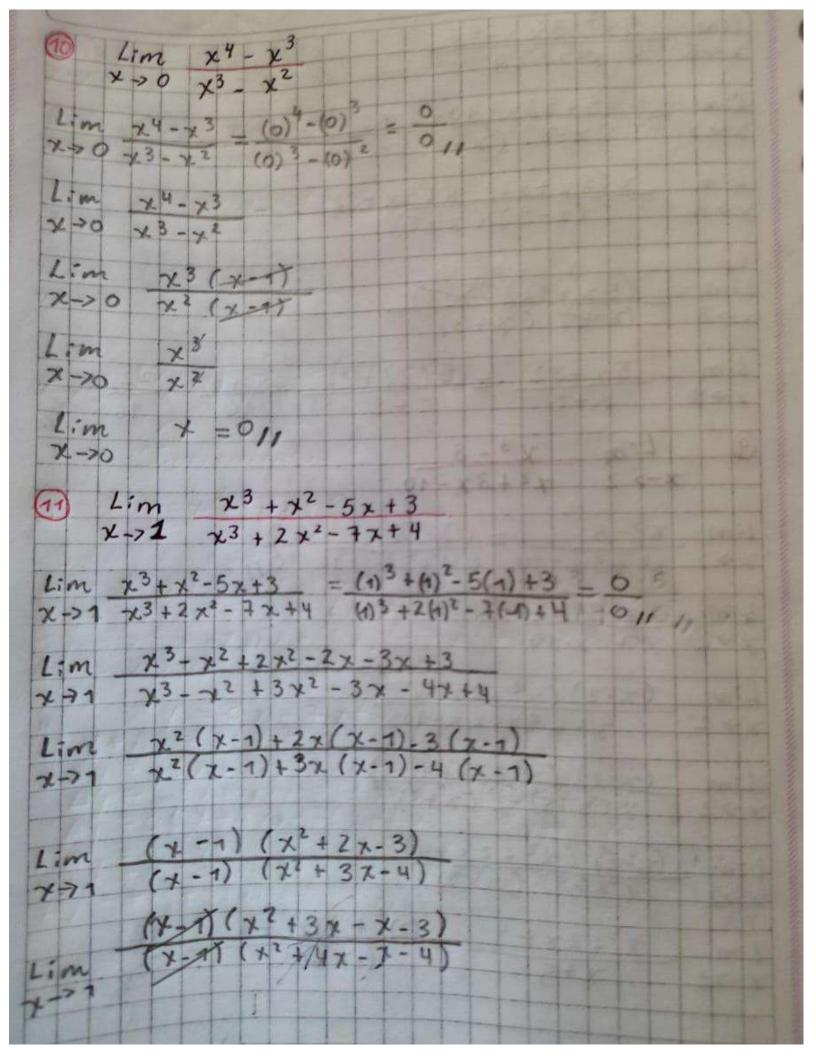


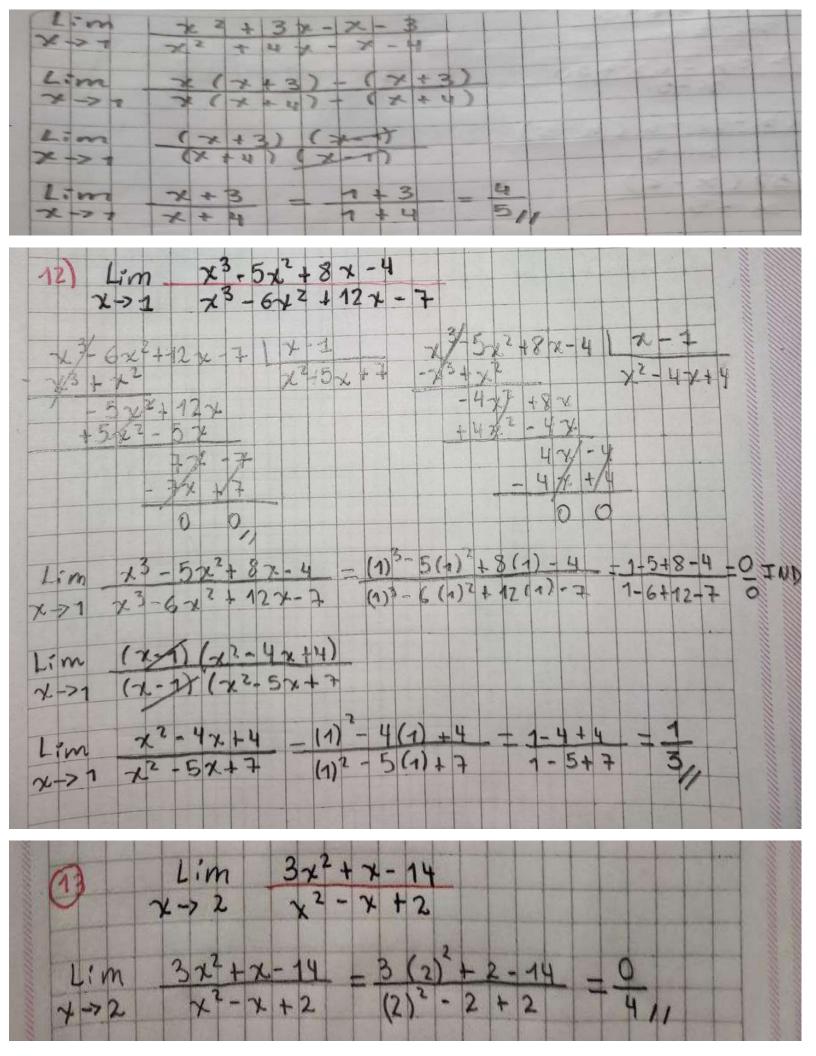
2(2)+4 x2+2x+4 (2) +2 (2) +4 1 Lim x2 - 5x x->5 x2 +5x - 50 Lim x2-5x (5) - 5(5) x+>5 x2 +5x -50 (5) +5 (5) -50 Lim x2-5x x2+5x-50 X->5 Lim x (x-5) Y->5 x2+10x+5x-50 Lim x (x-5) x (x+10)-5(x+10) メーンち Lim x (x=5) X->5 (x+10) (x+5) Lim 5+10 4 + 10 15 7-75 x3+x2-10x-12 L:m 6 x2 + 13 x - 15  $x^{3}+x^{2}-10x-12 = (-3)^{3}+(-3)^{2}-10(-3)-12 = 0$   $x^{3}+x^{2}-10x-15 = 6(-3)^{3}+13(-3)-15 = 0$ Lim x -> +3 6x2 + 13 x - 15 Orr  $\frac{\chi^3 + \chi^2 - 10 \chi - 12}{6 \chi^2 + 13 \chi - 15}$ Lim X-7-3 x3+3x2-2x2-6x-4x-12 Lim 6x2 + 18x - 5x -15 ×->-3 x2(x+3)-2x(x+3)-4(x+3) 67 (x+3) +5 (x+8)

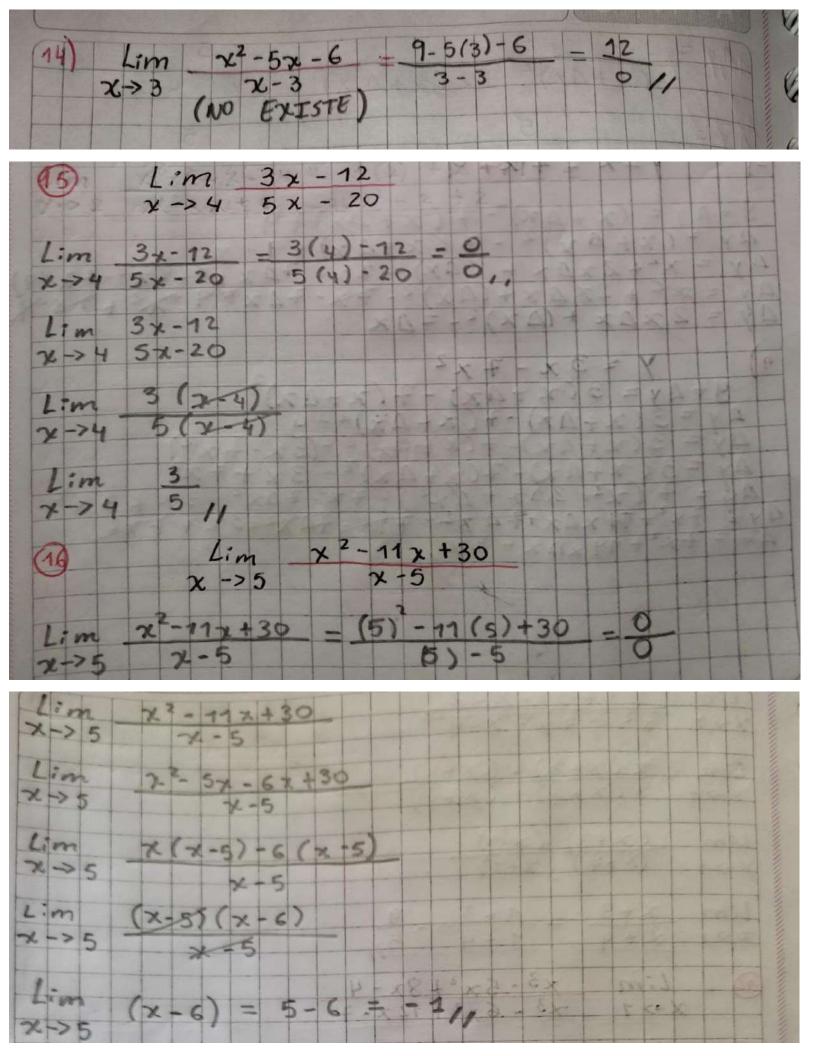


| 1 Lim 7x2 + 9x - 130                      |                    |
|---|--------------------|
| -5 6x2+9x-103                             |                    |
| Lim 7 x2 0 130 1 (-5) 49 (-5) - 13        | 0 -175-45-130      |
| x->-5 6x2+9x-105 6(-5)2 +9(-5)-           | 105 130 = 43 - 703 |
| -0,                                       |                    |
|   |                    |
| Lim 7x2+9x-130                            |                    |
| 1 1 X 1 1 X 1 1 2 1 1 5 5 5 5             | 86-6               |
| Lim 7 x2 + 35 x - 26 x - 130              |                    |
| $x \rightarrow -5$ 3 (2 $x^2 + 3x - 35$ ) |                    |
| Lim 7x (x+5) - 26 (x+5)                   |                    |
| ~ -> -5 3 (2x2 +10x - 7 x - 35)           |                    |
| Lim (x+5) (7x-26)                         |                    |
| x->-5 3(2x(x+5)-7(x+5))                   |                    |
|   |                    |
| Lim (x+5) (7x-26)<br>x+>-5 3 (x+5) (2x-7) |                    |
|   |                    |
| Lim 7x-26                                 |                    |
| x-2-5 3(2x-7)                             |                    |
| Lim 7x-26 = 7(+5)-26                      | _ 61               |
| x->-5 6x-21 6(-5)-21                      | 51,,               |
| Lim 5 x 2-8x-256                          |                    |
| 2-18 x2-64                                |                    |
|   |                    |
| Lim 522-8x-256 - 5(8)-8(8)-2              | 56-320-64-256      |
| x - 8 x - 64 82 - 64                      | 64-64              |
| = 0                                       |                    |
| 1977                                      | 48 3 3 3 3 3       |
|   |                    |
|   |                    |









at 2016 + 62  $Y = \chi^2 - 7\chi + 9$   $(\chi + \Delta \chi)^2 - 7(\chi + \Delta \chi) + 9$ Ay = (x+Ax)2-7(x+Ax)+9-4  $\Delta y = (x + \Delta x)^2 - 7(x + \Delta x) + 9 - (x^2 - 7x + 9)$  $\Delta y = (x^{2} + 2x\Delta x + \Delta x^{2}) - + x - + \Delta x + 9 - x^{2} + + x - 9$   $\Delta y = (x^{2} + 2x\Delta x + \Delta x^{2} - + x - + \Delta x + 9 - x^{2} + + x - 9)$ AY = 2 x 0 x + 0 x2 - + 0 x11  $\Delta y = 3 (x + \Delta x) - + (x + \Delta x)^{2} - y$   $\Delta y = 3 (x + \Delta x) - + (x + \Delta x)^{2} - y$   $\Delta y = 3 x + 3 \Delta x - + (x + \Delta x)^{2} - y$   $\Delta y = 3 x + 3 \Delta x - + x^{2} - 14 x \Delta x - 2 x \Delta x$   $\Delta y = 3 \Delta x - 14 x \Delta x - + \Delta x^{2} - 3 \Delta x$ 6.) Ay= 8(x2+2×0x+0x2)+9x+90x+7-8x2-9 Ay= 8(x2+2×0x+0x2)+9x+90x+7-8x2-9x2-9x2-7 14 = 16xAx +8Ax2 +9AX//  $y = 5 \times 3$   $y + 4y = 5 (x + 4x)^3$   $4y = 5 (x + 4x)^3 - y$   $4y = 5 (x + 4x)^3 - (5 \times 3)$   $4y = 5 (x^3 + 3 + 2)$ 8). Ay=5(x3+3 x2 Ax+3 xAx2+ Ax3)-5x3 DY= 5x3+ 15 x20x+15 x Ax2+50x3-5x3 DY = 15x2Dx+ 15x0x2+50x3,

