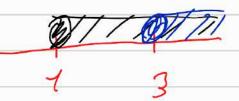


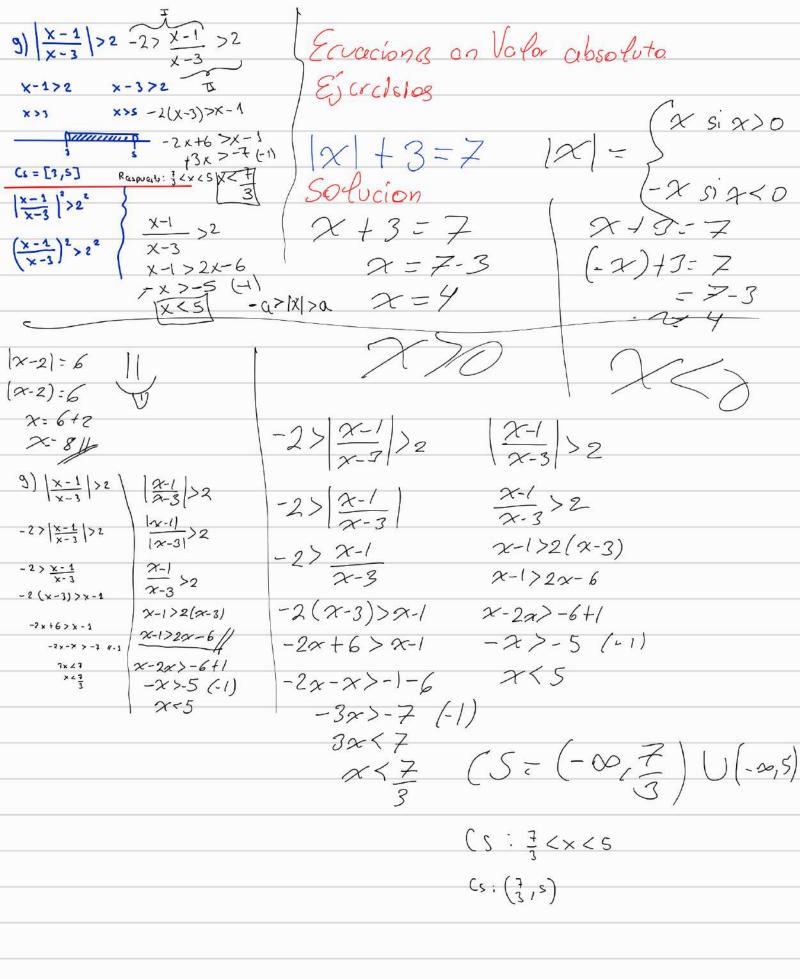
Intersection to accusions
$$+$$
 ican al simbols $|z|$, les incovarions $+$ timen simbols $|z|$. If $|z| = 1$ and $|$

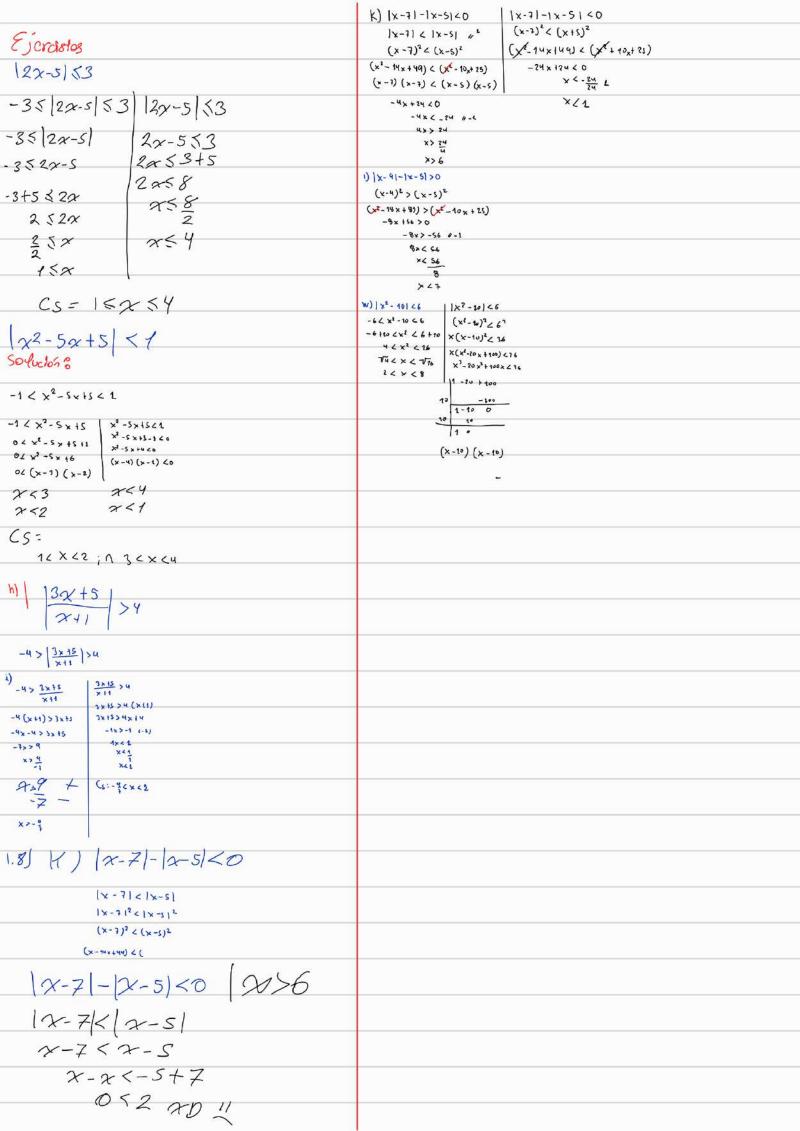
4) x2 + 10 < 7x

$$x^{2}-7x+10 < = x=0$$
 $(x-s)(x-2)<0$
 $x=s$
 $x=2$
 $x<5$
 $x<2$
 $x<2$
 $x<2$
 $x<3$
 $x<3$

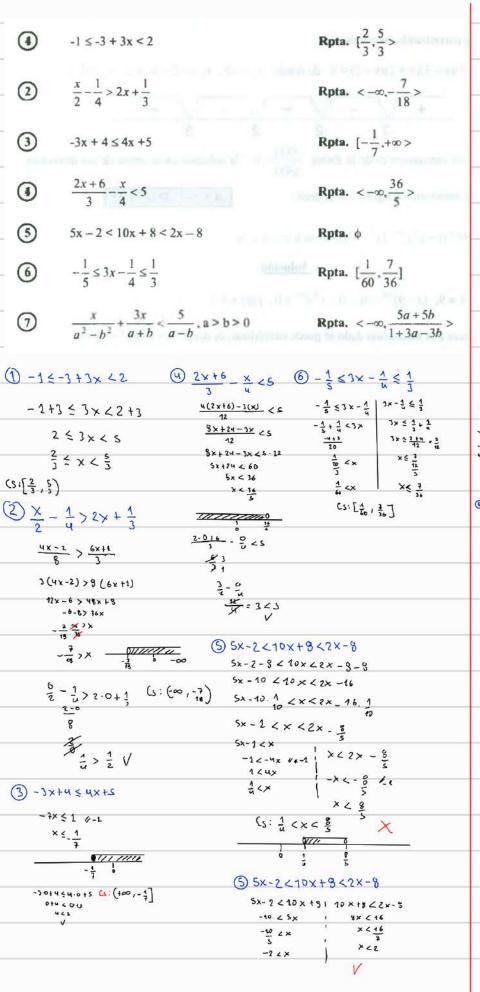
$$(x-3)(x-1) > 0$$

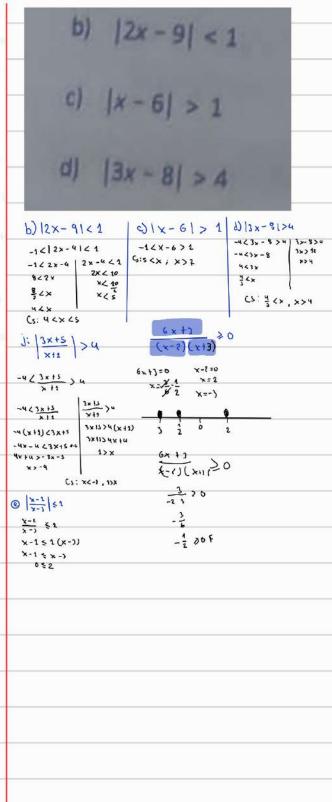


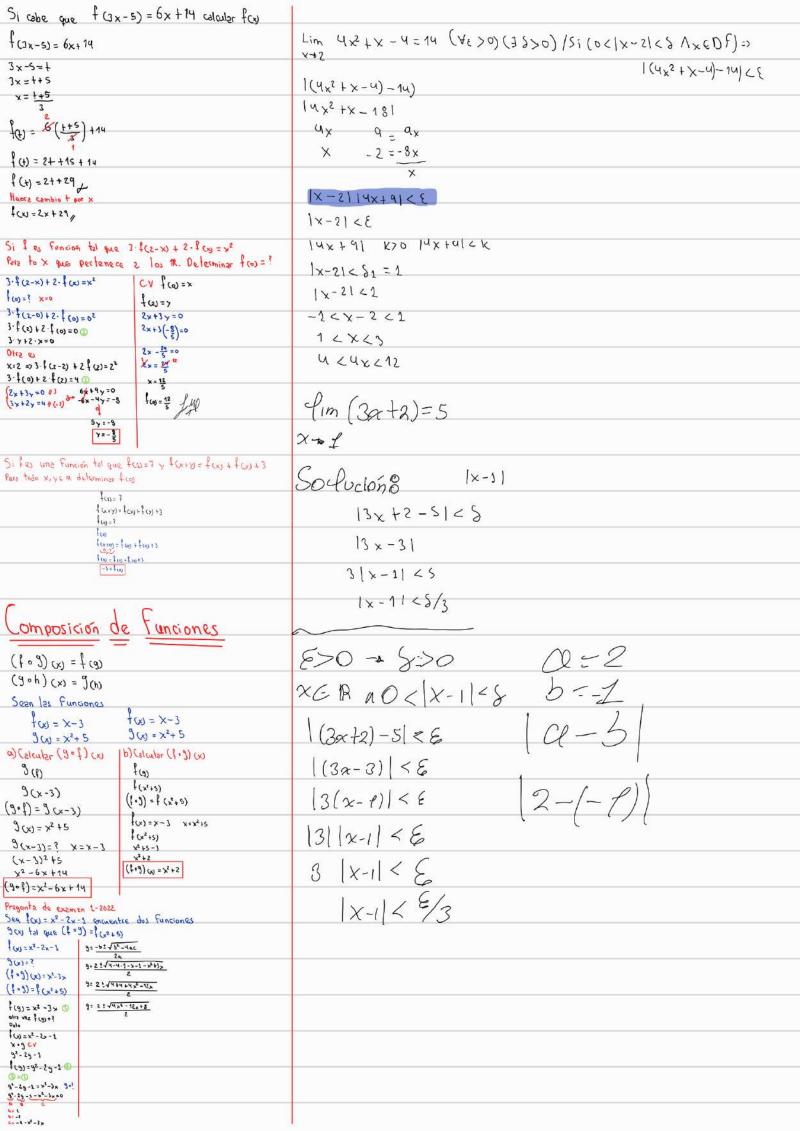




```
(x-14x+49) ((x-10x+25)
     X-7-(X-5) CO
 1x-71-12-5/40
  |x|-|z|-|x|-|5|<0
     x - 7 < |x| + |5|
     x-75x+5
     X < x + S + F
     x < x + 12
 1x-71-1x-51<0
 (x-1)-(x-s) | X-7-x-5 40
 x(-1-5) <0
                1(2-7-2-5)<0
                        Jams Stwart
1.8 a) |x-5/2
                       \frac{2\alpha-3}{\alpha+1} \leqslant 1 \quad \mathbb{R}^{\frac{1}{2}} (-1, 4)
         1x-512 22
         (x-5)2 2 22
                        2x-3 < 1 (x+1)
          (x-s)2 < 2°
                        5x-1 < x +1
         A(x-5) 5 L 2
                          × < 4
            x-5 4 2
            X < 2 H
                         -1 < \frac{2x-3}{x+1}
 -24 X-5162
                        -1(x+1) < 2x-3
-14x-5 X-5 <2
                        -x-1 < 2x-3
 34× C83 4×47/
                            7 € 2
k) |x-7|-|x-51<0 = x>6
 a) 7x+1 \ge \frac{1}{2}x - \frac{x-1}{3}
                                         b) 2(x-4)+3x<5x-7
 c) -2 \le 3x - 5 < 8
                                                                f)-1 < x3-2x2xx
 e) x^3 + 4x^2 + x - 6 > 0
                                         f) -1 \le x^3 - 2x^2 < x
                                                                                       -1 < x - 2 x 2 < x
                                                                                      -1.1 4x3-1x2. 1 <×
                                                                  -1 < x3-2x2
 g) 1-2x-3x^2 \le 0
                                                                   0 < x3 - 2x2 + L
 i) \frac{x-2}{x-4} < \frac{x+2}{x}
                                                                                       -1 = 2 - 2 = 1
                                                                                       -1 5 x 2 1x
                                                                      x(x2-2x+1)
                                                                   0 = x((x-1) (x-1))
a) 7x+12 = 1 x - x-2
                     0 -2 = 3x - 5 48
                                          b) 2(x-4)+3x <5x-7
                                                                     6 x (x-1) x (x-1)
                        -2 +5 63x -515 48+5
  7×+1 > × 1 - ×-1
                                             2 (x-4)+3x-5x +7 <0
                                                                     < x - 1x · x2 - 2x
                          3 ≤ 3x ∠ 13
                                              2x-812x-5x+7 CO
                         3.3 < 3×. 1 < 12. 1
       \frac{3}{2} \frac{1}{2} - \frac{x-1}{3}
                           1 < × < 13
   1×+1 > 3×-(2x-2)
                                           \frac{x}{7} - 3 > \frac{x}{5}
        ≥ 3×-5×-5
                                               3x-4 > 2 ×
        > 1x-2
  7×+1.6%
                                              X (1x-4) > x (2)
  7×11.6-1×+2 30
                                                3x2-4x > 2x
    6x + 8 > 0
                                                3x2-4x-2x>0
      6x> -8
                                                  3x2-6x>0
       ×>-4
                                                 3x2-6x>0
 e) x3+4x2+x-6>0
                                                  3(x1-3x)>0
    1+4+1-6
                                  0744.02+0-6>0
                                 0+04-6>0 F
                        (x-1)(x-2)(x-2)>0
      (x-1) (x+5x+6)
                                     6: (1, ≥) U (3,∞)
```







lim (4-5x2)=-16 Resolver el sig limite E>0 → 800 lim (5x-11)=-1 E>0 - 8>0 XER aO< x-2 <8 XER 10< |x-21<8 X-+2 Lim 3x+5=14 $|(S_{\chi}-11)-(-1)| \leq \varepsilon$ 5x-11+11 < E $|(5x-10)| < \xi$ $|5(\chi-2)|<\varepsilon$ 15/1x-2/< & 5 |x-2| < E 1x-21< 5/5