```
()(K-Y)2 - (K+Y)2
   (x-y). (x-y) - (x+y). (x+y)
   (x2- eng + y2) - (x2 +2xy + y2)
   12- x2 - 2ny - 2ny + y2 - y2
  1 - 4 rey
(2) a2 + (b+a).(b-a) + ab + 2+b2-2+ab + b. (b+a), (b)
                                     2(0+0) 2(0+0)
 b) \frac{(a-b)^2-b^2}{a(a-4)-4(b^2-a)} + \frac{(a-b-b)\cdot(a-b+b)}{a^2-4a-4b^2+4a} + \frac{(a-2b)a}{(a-2b)\cdot(a+2b)} + \frac{a}{(a+2b)}
3) (4x3- x) + x (4x2-1) + x (2x-1) (2x+1) + x (2x-1) + (2x2-x)
   2x+1 2x+1
(1) x+ y = 13/xy = 1
  =+ y2 = 132 + (x + y)2 132 + x2 + 2xy + y2 = 169 + x2 + y2 = (67)
   Terreno 1 = a = a = a = a = - b = b ((a+b)(a-b))
  Terroro 2 = bx b = 60
                                                        c) 23-8-8
                               b) a - 1000
( a) 803 + y3
   303 + v3
                               (a-10) (a+10 a + 102)
   (2a)34 v3
                                                       (3x-2) ((3x) + 3x, 2+22)
                               (a-10) (a2 + 10a + 100))
   (2a+y) ((2a)2- 2ay + y2)
                                                        ((3x-2) (9x2+6x+4)
  (2a+y) (4a2-2ay+y2)
d) +3-1.
                           e) 8x3+ 27
  1. (803-1)
                            (2x)3 + 33
 (1. (2x-1) (4x2+2x+1) (2x) -2x.3+32)
                            ((2x+3) (4x2-6x+9))
                b) Rad - 3ab2 c) x2y - y3
3a(4a2-b2) y(x2-y2)
b) 3a(2a-b)(2a+b) (x(x-y)(x+y))
= a) a - ab2
    a (22-b2)
    (a(a-b)(a+b))
                   e) 32-3x-36
d) 223 1 222 + 22
                      3(x2-x-12)
 2x (x2+x+1))
                       3 (42 + 34 - 44 - 12)
                       3(4(+3)-4(+3))
                      (3 (x+3)(x-4))
```

(8a) 
$$(a+b+c)^2 - (a^2+b^2+c^2)$$
  
 $a^2+b^2+c^2+2ab+2ac+2bc-a^2-b^2-c^2$   
 $(2ab+2ac+2bc)$ 

b) 
$$(a+b)^2 - (b+c)^2 - (a+c) \cdot (a-c)$$
  
 $a^2 + 2ab + b^2 - (b^2 + 2bc + c^2) - (a^2 - c^2)$   
 $a^2 + 2ab + b^2 - (b^2 + 2bc + c^2) - a^2 + c^2$   
 $2ab + b^2 - b^2 - 2bc - c^2 + c^2$   
 $2ab - 2bc$ 

$$2e^{2}-4\kappa+5=0 \qquad \kappa=-\frac{62\sqrt{\Delta}}{60} + \frac{423}{4} = \frac{6}{3} \qquad S=\left[\frac{6}{3},1\right]$$

$$2e^{2}-4\kappa+5=0 \qquad \kappa=-\frac{62\sqrt{\Delta}}{60} + \frac{423}{4} = \frac{6}{3} \qquad S=\left[\frac{6}{3},1\right]$$

$$2e^{2}-4\kappa+5=0 \qquad \kappa=-\frac{6}{3} = \frac{1}{4}$$

$$2e^{2}-4\kappa+5=0 \qquad \kappa=-\frac{1}{4} = \frac{1}{3} = \frac{1}{3}$$

$$2e^{2}-4\kappa+5=0 \qquad \kappa=-\frac{1}{3} = \frac{1}{3} = \frac{1}{3}$$

c) 
$$\frac{1}{4\kappa^2} + \frac{1}{3\kappa^2} + \frac{1}{2} = 0$$
  $\Delta = 6^2 - 40c$   $= 4^2 - 4.6.3$   $S = [\emptyset]$ 

$$\frac{3 + 4\kappa + 6\kappa^2}{18\pi^2} = 0$$
  $= -62$ 

$$3 + 4\kappa + 6\kappa^2 = 0$$