```
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ilide 31.
Pasangan terurut
(9,5) dan (c,d) - a = e dan b : el
1 1002
pasangan teruru (2ety,1) dan (3,2e-4), cantan ze dan y
     7e +4 : 3
                       2e + 4 = 3
     10-9:1+
                        2 + 4 = 3
        276: 9
                           4 = 3 - 2
                            9 = 1
        Te : 2
slide 32
Product set
sod1 :
 A : {a,b}
B : { 2,34
C = 23,44
canlah :
• (A x B) U (A x C):
 {(a,2),(a,3),(b,2),(b,3)} U {(a,3),(a,4),(b,3),(b,4)}
  1(0,2),(a,3),(a,4),(b,2),(b,3),(b,4) }
· AxBxc : { (a,2,3), (a,3,3), (a,2,9), (a,3,4),
               (b, 2, 3), (b, 3, 3), (b, 2, 4), (b, 3, 4) }
OP shill
Aljabar fungsi
soal :
A . fa, b, cy, fdan g adalah fungsi ni, didefinisikan
f(a) : 2
                    f(b) : -2
                                         f(c) . 3
                    9(6): 0
                                         9(0): 1
9(01): 2
```

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• f + 39 , maka 1
 (f+39)(a), f(a) + 39(a) = 2 + 3.2 = 8
(f + 39)(b) : f(b) + 39(b) = -2 + 3.0 : -2
(f +3g)(c) : f(c) + 3g(c) : 3 + 3 .1 = 6
 f+39 = f(a,8), (b,-2), (c,6)}
• fg - 3f , maka !
(fg-3f)(a): f(a) g(a) - 3.f(a): 2.2 - 3.2 = 2
 (fg-3f)(b) = f(b)g(b) - 3.f(b) : -2.0 - 3.-2 : 6
 (fg-3f)(c) : f(c)g(c) - 3.f(c) : 3.1 - 3.3 : -6
 fg-3f = {(a,2), (b, 6), (c, -6)}
· lg 1 (2e), maka
19(a)1 : 2
 19 (6) 1 : 0
 19(0)
· (g+2)(2e), maka:
 (g+2)(a) = g(a) + 2 = 2 +2 = 4
 (9+2)(6) = 9(6) + 2 = 0 +2 = 2
 (9+2)(c): 9(c) + 2 = 1 + 2 = 3
```