11. x2-x + 2 = 0 mpy akar = x1 dan x2 15. Pk ban yg glear ? Zx,-Z dan zxz-z adl misal $\alpha = 2x_1 - 2$ B = 2x2-2 dr diket: X1 . X2 = = = 2 $x_1 + x_2 = -\frac{(-1)}{1} = 1$ shg d. B = 2 (x1-1)-2 (x2-1) = 4. (x1x2 - (x1+ x2)+1) = 4 x1x2 - 4(x1 +x2) +4 = 0 - 4 +4 d+B = (2x1-2)+ (2x2-2) = 2 (x1 + x2) - 4 = -2 PK baru adl x2 - (d+B)x + &B = 0 x2 + 2 x + 8 = 0 | 12. caranya sama spti no 11 13. caranya sama spti no 10 14. d=-2, B= 1/2 Pk baro adl x2 - (d+B) x + dB = 0 d+B = -2 + 1/2 = -3/2 dB = -1 shg: $x^2 + \frac{3}{2}x - 1 = 0$

2x2+3x-2=0

15.
$$A(1,0)$$
 $B(3,0)$ $C(0,-6)$

Synatron:

 $Y = a(x-x_1)(x-x_2)$
 $Y = a(x-x_1)(x-x_2)$
 $Y = a(x-1)(x-z)$

memotory $(6 y (0,-6))$
 $-0 - 6 = a(0-1)(0-3)$
 $-6 = 3a$
 $a = 100 - 2$

Shg:

 $Y = -2(x-1)(x-3)$
 $= -2(x^2-4x+3)$
 $= -2x^2+8x-6$

16. dari grahk, hhik puncak $(1,4)$ dan melewah $(0,3)$ shy gunakan rumus

 $Y = a(x-x_2)^2 + Y_2$
 $Y = a(x-1)^2 + Y_3$

16. melewah $(0,3)$ mk:

 $X = a(0-1)^2 + Y_3$
 $X = a(0-1)^2 + Y_4$
 $X = a(0-1)^2 + Y_5$

17. dr grahk, tink puncak adl $(-1,2)$

18. dr grahk, tink puncak adl $(-1,2)$

19. dun melewah $(0,4)$ shy gunakan

rumus

 $Y = a(x-x_2)^2 + Y_4$
 $Y = a(x-x_2)^2 + Y_4$

y = 2x2 + 4x+4