```
(S(X) + J + S(X)
  S(X) = XX
  y = y
S(x) = x x
   - Aras (x x y x x) = bababbaba 11
5) A(B)(X=y+0) => B(X)= B(y) + OA
   ba = b+a
    ba=ba=stme
c) A(B)(3x 4y (x+y = 6(X)+y))
   max win wz (W, Wz = W, W, Wz)
Fin W= E eo Not móglich -s True
 d) A(B) (34p(x+y)); B(X) = ba; B(g) = 5
     max w, (p(w2+w1))
     maxwa (p(W2W1)) => False, weil W140" widet
  e) A(B)(+x+y((p(x) n >p(y)) -> p(x+y)))
   p(X) = p(ba) = 1
    P(y) = P(5) = T
     9(x+9) = p(bab)= 1
                                     0-> 1 (walm)
   WM W, mmw ? ((pw1) 17 p(w2)) -> p(w,1 w2))
\frac{G_2}{a}, A(\beta)(p_{11}) + p(p_{11}) + 0
   IB=BI
      A(B1) (P12) + P(P(X) + 0)
        P(0) = -1
        p(x) = p(p(x)) = p(7) = 6
```

P(0) + p(2) = -1 + 6 = 5 A(B) (P(1) + P(P(X) + 0)) = 6

P(X) +0= P(X) + 1= 6+1=7

P(7) = 6

$$A(\beta)(p_1)+p_1p_2(x)+0)=b$$
 $Y(\beta)(p_2)+p_1p_2(x)+0)=b$
 $A(\beta)(p_2)+p_1p_2(x)+1)$
 $A(\beta)(p_2)+p_1(-1-1)$
 $A(\beta)(p_2)+p_1(-1-1)$
 $A(\beta)(-1-1)$
 $A(\beta)(-1-1)$
 $A(\beta)(x)+0=p_2(y)+p_2(y)$
 $A(\beta)(x)+1=p_2(y)+p_2(y)-1)$
 $A(\beta)(x)+1=p_2(y)-1)$
 $A(\beta)(x)+1=3)$
 $A(\beta)(x)+1=3)$
 $A(\beta)(x)+1=3)$
 $A(\beta)(x)+1=3$
 $A(\beta)(x)+1=3$
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 $A(\beta)(x)+1=3$

$$A(\beta, \gamma) (\beta X) + 1 = p(\beta y) + p(0)$$
 $A(\beta, \gamma) (0 + 1 = p(3) + p(0))$
 $A(\beta, \gamma) (1 = 2 - 1)$
 $A(\beta, \gamma) (1 = 1) = 3 + p(0)$
 $A(\beta, \gamma) (p(0) + p(0) = p(p(0)))$
 $A(\beta, \gamma) (p(0) + p(0) = p(p(0)))$
 $A(\beta, \gamma) (p(0) + p(0) = p(p(0)))$
 $A(\beta, \gamma) (p(0) + p(0) = p(0))$
 $A(\beta, \gamma) (p(0) + p(0)) = p(p(0))$
 $A(\beta, \gamma) (p(0)) + p(0)) = p(p(0))$

63. A) A(B) (S(S(X) * 1 * Y)) A(B) (S(S(B(X) * 2 * P)(Y)) A(B) (S(S(M) * 1 * 7)) A(B) (S(12 * 9 * 7))

$$A(\beta)(5(12 + 1 \times 7))$$
 $A(\beta)(5(12 + 1 \times 7))$
 $A(\beta)(5(12 + 1 \times 7))$
 $A(\beta)(5(2 \times 1 \times 7))$
 $A(\beta)$

#(B) (
$$\exists y \ P(B/Y) \times B(X)$$
)

maxy ($P(X+U)$) => waln

e) $A(B)$ (($Y \times \exists y$ (($X = Y + I \ A > P(X)$) -> $P(y)$)

 $\Rightarrow Tull$
 $X + 1 = Y$
 $\Rightarrow M$
 $\Rightarrow M$

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