$$P(3) = P(3^{2}) = P($$

39 - O D PEDUTU O CTATAR [POJA 3= 317 (259) CA 15.

H3A (13, 22) = 1

=)
$$22 = 1 \pmod{13}$$
 $((13) = 13 - 1 = 12$

1=> $22 \stackrel{1}{=} 1 \pmod{13}$

The Humbon octation of 19 and 12

11= $2^{2} \stackrel{3}{=} 1 \pmod{12}$

12= $2^{2} \stackrel{3}{=} 1 \pmod{12}$

12= $2^{2} \stackrel{3}{=} 1 \pmod{12}$

13= $2^{2} \stackrel{3}{=} 1 \pmod{13}$

22= $2^{2} \stackrel{3}{=} 1 \pmod{13}$

23= $2^{2} \stackrel{3}{=} 1 \pmod{13}$

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22= $2^{2} \pmod{13}$

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24= $2^{2} \pmod{13}$

25= $2^{2} \pmod{13}$

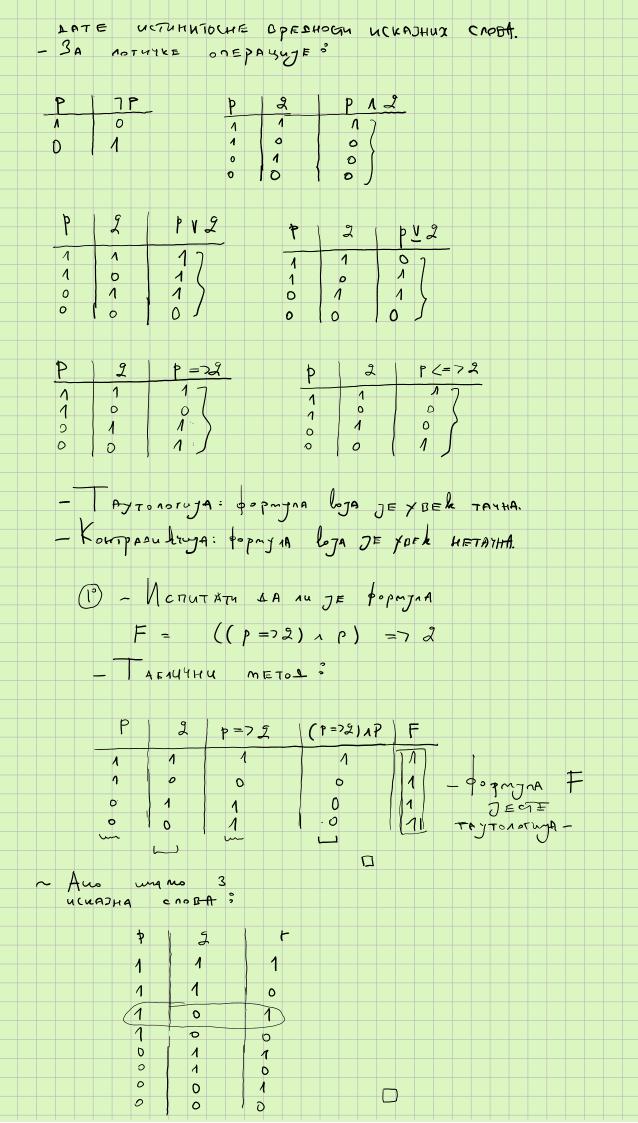
26= $2^{2} \pmod{13}$

27= $2^{2} \pmod{13}$

28= $2^{2} \pmod{13}$

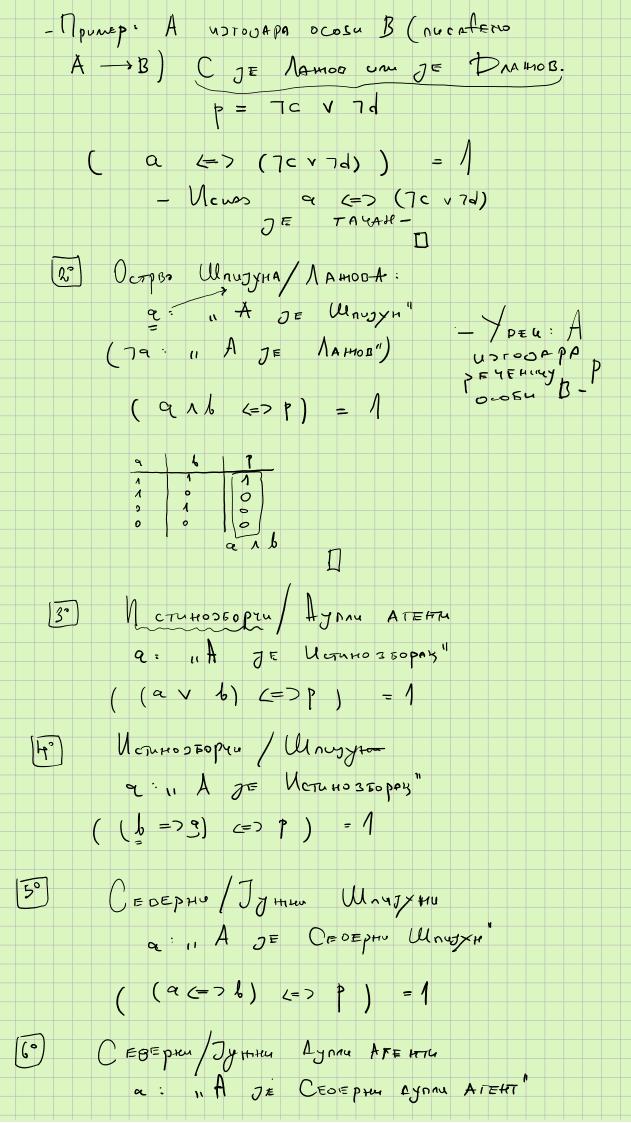
29= $2^{2} \pmod{13}$

20= $2^{2} \pmod$



```
- KOPUCHA CKPATUBAKAS
   0 / F = 0
                        0 V F = F
   1 1 F = F
                        1 V F = 1
  1 => F = F
                      0 => F = 1
  F => 1 = 1
                      F => 0 = 7F
 1 =>F= F
                     o <=>F = 7F
 ~ O CTPBA ( TI PUMEHA UCHABHE NOTUKE)
        - TOCMATPONO OCTPOO, U HA
HOEMY 4 BPCTE TILEMENA.
        18 Nothhossopyu: OHU YDEK
        L' MAMOBU = OHU YDER MAMY
       COOM ARENENS, OCTAPE LAMY
       4° ATENTA: NAMY CBOJE MAEME,
       OCTANUMA FOODPE MCTUHY
    - Curyay JA: nocueropano ocopo ca
     2 MEMBERA. OCOSE A, B PATOPAPAJ/
    A NAME PEYEHULY P OLOGU B
    - BANWA HAC WETHUTOCHA BPE AHOCT
    ucusa P) 34 bucho on TorA x
    ROM CY MARMENY OUSE A, B.
     1º Octobo uctuHOJEOPAGA U 1AHOBA
         а в Р а - 11 В JE ИПИНОЗБОР

В ором остроу рани:
                        h- 11 B JE USTUHOSSOPAY"
 -Ocosa A
usrodapa perenery
Pocosa p-
                       (a => p) = 1
                      _ Mans a C=> p JE TAYAN-
```



```
1) ( (~ <= > b) <= > (7c ~ 7f) ) = 1
    2) ( (b/=> c) (=> ( e y f) ) = 1
      ((c(=d) (=> ( a 1 b)) = 1
       (d (=>e) (=> ( anf) = 1
            (1°) Q = 0
            anb=onb=0, na JE u3 3):
          ((c(=)d) (=) 0) = 1 00 mo cmo
          (c = >d) = 0 oenocho C,D
          HUTY US MOTOR DIEMEHA.
          anf = onf = 0, nA J = u3 4):
          ((d (=)e) (=) 0) = 1 oprocus
         ((d (=>e)) = 0 6 anoches D, E
         HUDY UD WOOD NOT MEHA.
        - CARA MEDAMO 2 ONTATA:
      1°) d = 1 => e=0, c=0
 \left( \left( \left( \circ \left( = \right) b \right) \left( = \right) \left( \circ \wedge \wedge \right) \right) = \Lambda
  -> (0 (=>b) = 1
                          ((o(=>b)(=) o) = 1
   = 0.
                               02 hocho (0 (=> b) = 0
                              ochoctus l= 1.
\left( \left( \circ \angle = \right) \circ \right) \leftarrow \left( \circ \lor \circ \right) = 1
                              - YEaruns y appry 3
(1 C=) 0) = 1, wito
                             \left(\left(1 < > \circ\right) < > \left(0 \lor 1\right)\right) = 1
JE hompasukju = A. y
                              ( o <=> 1) = / , verso
                                HUYE TAYKO.
```

1°)
$$d = 0 = 7$$
 $e = 1$, $C = 1$.

- π_{POA} $\pi_{POANNUMA}$:

(($\circ (=?L) (=) (7rA \circ)$) = 1

7° $A \circ = \circ$, π_{A} π_{E} :

(($\circ (=?L) (=) \circ$) = 1, π_{A} π_{E}

(($\circ (=?L) (=) \circ$) = 1, π_{A} π_{E}

(($\circ (=?L) (=) \circ$) = 1, π_{A} π_{E}

- π_{E} π_{E}

```
oproco (CETd) = 1 NA novão JE
C = 0, d = 0. M_3 = 2:
  ((1 =>0) => (c = 5)) =1
  ( 0 <=> (e y f)) = 1
   ostocro (e y f) = 0, ostocro
  e, f y us word not mento.
   - U3
      4):
   ((o (=)e) (=) f) = 1.
     · (=0 =) f=0 =) ( 1 (=)0)=1
     · e=1 =) ( · (=) 1) =1, 7
 - JAWE, OOE HEMA PFLUETA.
20)
     - Teroure Duckycopy f=0, f=/
     WTO MOHETE 3A DOMETU.
     0 <=> ()f 1 7c) = 1
 (0 (=>c) (=> (e x f) =1
  (c(=>d) <=> 0
( (d => e1 <= > f
  - U3 12, 7f 17C = 0, NA 24TO
 no pa duckjuja no f. 3a f=0,
  7f=1 orners 117c=0=17c=0
  =, c=1. W3 2), (o=>c)=(o<=>1)=0
 (0 <=> ( e y o) ) = 1 no j= e y o = 0,
  NA DE e =0. U3 3), (C(=)d) = 0,
     => d = 0, d, e=0 = (d (=) e) =1 = 1 (1(=)0)=0 }
```

77

21

31

4)

Q ~
$$l$$
 (=) ($e^{2} - l^{2}$)($e^{2}l^{2} - l6$) = 0

— TPA HAMMO KABCE EK DUDANEHYUYE =

QUILLIPAMO QE PA.

[a] = { l e R | e ~ l }

= { l e R | e ~ l }

= { l e R | e ~ l }

= { l e R | e ~ l }

($e^{2} - l^{2}$)($e^{2}l^{2} - l6$) = 0

($e^{3} - l^{2}$)($e^{2}l^{2} - l6$) = 0

($e^{3} - l^{2}$)($e^{2}l^{2} - l6$) = 0

($e^{3} - l^{2}$)($e^{2}l^{2} - l6$) = 0

($e^{3} - l^{2}$)($e^{2}l^{2} - l6$) = 0

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($e^{3} - l^{2}$)($e^{3}l^{2} - l^{2}$) = 0

($e^{3} - l^{2}l^{2} - l^{2}$) = 0

($e^{3} - l^{2}l^{2} - l^{2}l^{2}$) = 0

(e^{3