

(a,b)Para uponpolivata (a,b) =  $\{\{a,b\},\{a,b\}\}$ Poholemy, ie (e,b) jost reagnisde parp upunpahowenp, to shacky (a,b) = (c,d)uted, i tylho wedy, gdy (a=c) b=d. (a,b) = (c,d) oraca, ie  $\{\{a\},\{a,b\}\}=\{\{c\},\{c,d\}\}$ 307=3c/01/2 ({a,by= {c}}) [30] = 3 ch i 30,64= 3c,09 Ponerai abión Sas me peden elenet d Wa= c) to Scids to me judes 5 fa, b] = fa, d} element rooms a, wpc ( ( = d)  $C = d = \alpha$ Hody {a,b} = {c} = {e}, u|pc(b=a)

(a,b)

A 
$$\times$$
 B - iloay h herterjanshi

 $A \times B = \{x : x = (a,b), \text{ state } a \in A \text{ i be B}\}$ 
 $= \{(a,b) : a \in A \text{ i b } \in B\}$ 
 $= \{(a,b) : a \in A \text{ i b } \in B\}$ 
 $= \{(a,b) : a \in A \text{ i b } \in B\}$ 
 $A \times A = A^2$ 
 $A \times A = A^2$ 

 $A \times B \times C = \S(a,b,c)$ ? ABC aed LeB,  $A \times A \times A = A^3$ CEC Y Tunga productorone 940/Wold/00 Dla abiordo X i Y funhajo hazheny douolny podabion f ilonym XXY, spelmæger, namnni 1) de haider  $x \in X$  istineje  $y \in Y$ ,

Ale horage  $(x,y) \in f$ ,

2) pieli  $(x,y) \in f$  over  $(x,y) \in f$ , to 51 = 52.  $\left( \left( x,y \right) \in f \right) \sim f(x) = y$ 

Indulição matematicina It refelled of  $n \in \mathbb{N}$  $p(1), p(2), p(3), \dots, p(h), \dots$ 2 danie/sformut-viente (prendrire lub fatsigne) Zasierde induligi: Meidi 1) p(1) gest adomen promolessingen, 2) de koidepo ne N: jeidi p(n) jest zdenten proudzlum Les p(n+1) jest identen proudelyun, to de hoider nEN, p(h) jest idenem prendingm.

Prylited. 
$$1,3,5,7,9,11,13,...$$
 $1=1$ 
 $1+3=4$ 
 $1+3+5=9$ 
 $1+3+5+7=16$ 
 $1+3+5+7+9=25$ 

Policiemy, ie die doublines Unby  $n \in \mathbb{N}$ 

memi  $1+3+5+...+(2n-1)=n^2$ 
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