## ВВЕДЕНИЕ.

Условные обозначения.

Н - мовой, всякий, дин мового дин всякого Квантор общности

] - cycletyet, ratigeth xot 8 for ogner (klaretop cyclet boba-

=> - Brevient, ceregger (A=7B - ABreview B; uz A creegger B; ecree A, Tro B)

=> - pabriocientres' (A=B-A pabriocientres B;
A rorga re romeno rorga, congo B)

ф 1. Множество. Операции над множествами. Cu. rekyuro uo guckp. leas-ke MH-60 reas. ruccee 11 = 1,2,3,...s MH-60 yerebex ruccel Z={ ,,,,-3,-2,-1,0,1,2,...} Z+={0,1,2,...} = /NU{0} MH-60 payerorianes reorx reners Q={+: pEZ, q=(N, HOD(p,q)=1}

д`2. Множество вещественных чисел. Chourba bley-x ruced, coppiey supobarrere le brege axenoy: I Akcualing cultilleug: 1) a+6=6+a 2) a+(B+c)=(a+e)+c 3) 7 HEUTPANSHOU NO OTHEOLESE HELLE & CLOTHEREUSO Filewers, Hazorbaleworn ryvelen u obogreoverheioring, even a+0=0+a=a4) 4 a 7 upor rebouo vores revier Frencester, 0503 Horraleure -a, takein, roo <math>a+(-a)=0

1 Arcever greerever bells

5) a-6=6.a

6) a.(6.c)=(a.6),c

7) Freueris, reasonbalement equolingée u obosterralment

1, Takou, 250 1.a = a

8) Ha + 0 F Oбparteore Inemeter, Oбoznewrollment a, Takou 250 a. = 1

TII Akcuolis Chaje newyy cuoresereles u yesteome-

9) a(b+c) = ab + ac

1. Akcuoles noplgkg: 10) a = a 11) a < B, B < a => a = B 12) a = b, b = c => a = c 13) 4a,6 a = B wee B = a I Akerous chaju nopagks co currenteur: 14) Q < B => # C Q+C < 6+C

Vi fixeureus chaju noprigno c yurreouterului. 15) 0 = a, 0 = 6 => 0 = a.6

V" Akenous monnotor (rempeporbreours) 16) \$ AB + \$ VaeA VEEB a = 3 3 c: a < C = 6 (Des esossix nervy croex noqueroruseers ruceu HuB, Takiex, reto Kaugoen pennetto a unorneerba A represent moder modero Fileneria e un orne-CTBaB, Cynyectbyet bly, ruceoc, takoe, 200  $Q \leq C \leq 6$ 

Reperceue reserve cl-ba un escocioso ocepege e e rot en es beug - x receve le rose versione, vo uj en ch-ba beug-x ruceu

Trueep; gokarusee c usues ujoro akceeder 1-16 reites level a 66, C 6d, theo a+c 6b+d (upa-Bue noviernos cuornerius repab-6) (accurees 14) Q 5 B => Q + C 5 B+C C = d => C + b = d + b (ake, 14) (ake. 1), TO mep-bo 1. K. C+6=B+C, d+6=B+d C+6 = d+6 perbreverue 6+C=6+d Unelle: a+c < B+c, B+c < B+d => =) a+c = 6+2 (akeren era 12)

Normour reon no garris axercorras creexoe oupege. reverel run-ba bley-x reneen cueg. Ospajone: oup: 1141-60 Fuereserob lebotoi murogoe, ygobilt-Boj drouger akcus uais 1-16, Cogepura usee Donee ograno recevera, majorbalo es tateometrose berg-x relicee It, a karent gour en ruellers -Reycerbeblevier relieure. Course réplée régler nu peaugaiser 1) tit okker per renduelsbir up & levir; 2) lett-bo Elekoteern bix geersturterix gposter; 3) rui-bo ceresuis no Bregerengy.

My orgen ucuous job artis nepore 2 peaning -Flexoreer geensur groon: rge ry 2-x greanob ,,+" were ,-" boeo reparer rouxos no ogen, do EZ+3 dx E {0,1,2, ..., 9}, k=1,2,3,... Provoe recorreus. Bers. reners a mousse uperseuzuro payuon. reneweur c monstoner Tornocito: musique exerce no regoesasky upies en mercue no réporting

Arraneo revoce aprilonner en les mueros neceso re gues a < o. ASCONIOTHAN BE ENTRIFIED, MM mogretis, feny, renema a obogranaeta |a| m ompegementa cheg, ospajan;  $|a| = \begin{cases} a, ecm & a>0, \\ -a, ecm & a<0. \end{cases}$ Cb-bg mogrey (algyrot renocreges better my oupne):  $|a|=|-a|, a \leq |a|, -a \leq |a|, |ab|=|a|, |b|,$ 18 = a unu 6 70. Ja1 ≤ u <=> -u ≤ a ≤ u <=> {a ≥ -u;

$$|a| = |a| = |a|$$

Nuceeu: )a-6/2/a/-16/, 19-6/2/8/- (a) => => (a-81>) |a|-181