1105 1308. · x -> x2 - 224 5 m 2c -> 320 24-> 22-2x+5 -> 32 muye ee upate 3(x2-2x+5) 2 - 32 - 22 22 +5 enuye ce kpale (3x)2 2 3x +5 1310, fix-x2, h: x->2x g: x-(x-5) (hog)x = h (gu) = h (x+5) = 2 (x+5), hog = x > 2 (x+5) (gol) oc = g (ka) = g (200) = 2x+5; gol: x > 2x+5 (ho Jogoho fog) x = h (f o (g (k (f (g cx))))) = h(fo/g(h(f(x+5))))) = R (fo (9(L (2 (*+5)2))) = h (fo (g 2 (002+5) 2+3)) = A (& ([2(x 2+32+5)] 2) hefogohofog: $x \rightarrow 2[2(x+5)^2+5]^2$ 1316 Jano your ronashy chy una bunecuragely еленения прит показује сатитакна према где из еленения 5 проказно скори показе внеме сереличе, по fcx) жије само Cutiversof nou spasar cryo. { (5, y), y e R y Cruca 107. 1319 K: x -> 2x - 7 M3 pary naj K(-2) ~ K(-70), 12(-2) = 2.(-2) -7 = 2.4-7 = 8-7=1 $K(-\frac{1}{10}) = 2(-\frac{1}{10})^2 - 7 = \frac{1}{2} \cdot \frac{1}{100} \cdot 7 = \frac{1}{50} - \frac{350}{50} = -\frac{349}{50}$

1106 1328. \$: x -> x y, x = {1,2,3,43 }=? a un je mone su cecyti nittlepsite opyracege 5-1 Rako ge f: y=x7 n maga x n j y3 ajantio 3 anete necura orgo je oc = y" _ y = Va , quase ga je \$ 1 0 0 > VX xc=1,16,81,2567. Kako je 30 x=1, y=V1 =±1 jep je (+1) = 1 m (-1) = 1; V16 = ±2; ... Perageya 5-1 mais care excesses zuboto je $\int_{-2}^{2} = \frac{1}{2} (1,1) (1,-1) (16,2) (16,-2) (81,3) (286,4) (286,-4)$ Oncerneg to go ft suje dyunguja. 1335. $g(x) \rightarrow x^3 - 3x$, [-1,1] $2c_1 = -1$, $t_2 = 1$ 2(2-1, =1-(-1) = 2>0', g(x,)=g(-1)=(-1)-3·(-1)=2>0 $g(x_2) = g(1) = 1^3 - 3 \cdot 1 = -2 - 0$ Rawa je 22-x1-0 ~ g(x2)-g(x1)=0 => \frac{g(x2)-g(x1)}{x2-x1}=0 3 tana doyuwaya g ouaga. $g(pc) \rightarrow \chi - 3\chi$, [1, 20], $\chi_1 = 1$, $\chi_2 = 2$, $x_2 - x_1 = 1 > 0$, $g(x_1) = g(1) = -2$; $g(x_2) = g(2) = 2 > 0$ g(x2)-g(x1)=4>0 Ranco je x2-x1>0 m g(x2)-g(x1)>0, Chepic g(x2)-g(x1) >0, spare spyrougaje g pacere. 1342 $f: \alpha \rightarrow a\alpha^2 (y=a\alpha^2, f\alpha) = a\alpha^2)$ a >0, 2, = 3, 20, = 5, 3,5 el, y= 922 $y_1 = ax^2 = a^3 = 92$, $y_2 = a^5 = 252$ $\frac{1}{32} - \frac{1}{31} = \frac{25a - 9a}{5 - 3} = \frac{16a}{2} = 8a$ opyhkusya pactie. In unette konurtuka \$2-41 = 0(x2+x1)=9(5+3)=887 7 $x_1 = -3$, $x_2 = -5$, $x_3 \in R^-$, $y_1 = a(-3)^2 - 9a$, $x_2 = -6$. $(-5)^2 - 25a$

 $\frac{41}{42} - \frac{1}{42} = \frac{1}{4} = \frac$ As y wassiga y = ax² 3a a = paceire y nitrigeplany [o, p] Знаги довосно је израгунату прирашија а $(x, +x_2)$, a < 0, $x_1 = 3$ $x_2 = 5$ $a(x_1 + x_2) = a(3+5) = 8a < 0$ f облага $x_1 = -3$, $x_2 = -5$, $a(x_1 + x_2) = a(-3-5) = 8a > 0$ f pacine Joy the guija y = ax2 3a axo pacest y revergobary [M, O] a oraga y numer bary [O, P]. 1343. y=x2(20->002 fax)=x2) a = 1 > 0, $x \in [-3,0]$, $f(x) = x^2$ S(5) = 25 ; f(4)=16; f(3)=9, S(-2)=4, f(-1)=1, f(0)=0; f(-5) > f(-4) > f(-3) > f(-2) > f(-1) > f(-1)Choppeninga conardo oraga go mase. Komersher 40 up ace waja a(x2+x1)= 2(-5+0)=-10<0 $x \in [0,5]$ f(0) = 0, f(-1) = 1, f(-2) = 4, f(-3) = 9, f(-4) = 16, f(-5) = 25. f(0) - f(1) - f(2) - f(3) - f(4) - f(5). Anyunenja distanto paciese.

Viorunitaria nouparvisaja a $(x_1+x_2)=2(5+0)=10>0$.

Anyunenja goeinance mutunya 3a x=0, a = -1 < 0, $M = -x^2$ ($x - x - x^2$, $f(x) = -x^2$) 2(E[-5,0], f(-5)< f(-4)< f(-3)< f(-2)=f(-1)< f(6) Азуправида странно расто до муле. Formation apreparer cescaga of (7, +x2) = -1 (-5+6) = 5>0 20 (20) - f(1) - f(2) - f(3) > f(4) > f(5). Chapterese conserve orage of Hyric. (21+x2) = -1.(5+0) = -5 < 0. Сруживий достуже максимун за 2-0.

1108 1349. Marriesay y = - 1 y exercise warse Ha vouves kage de vocataje 0,1,0,01,0,001,0,001,0, (voene seyou), Anyuseya y = - x yzuna Eperyocere -10, -100, -1000, -10000, --3 Have kage No DC - o n Exerce 24yru (0) Agreenger a 14/= 1 real asserces paceire in y = 1 orage Heapasseto. Rag oc moderaje (women styres) Johnseya y = - 1 y June Gospio ceau 10, 100, 1000, 10000, 3 sare kag je 2 40 in weener styre objectely y - - 1 pacere see Maruzetto 1357 marco a(4, N), 6(3,5) C(-1,4) d(0,0) 6(3,5) C(-1,4) 4 a(4,1) c(-10) d(90) 9 (4,0) -3 -2 -1 Cruca 108 Howa je mara a'(4,0) in paloyino in popina d'a, a mara c'(-1,0) je meme impogras doid. To cy glà impogras ruja ji sajephieno mene mara d'(0,0), a menere moliux yerobe cy marce c'(-1,0), a' (4,0). [da'] = [cc] (weeps gypien je 4) [a'a] = [a'd] (sereps jynes je 1) X aa'a = x dc'c (supab yran) Ada'a SA de'e - [da] = [de] n one on) asy, y lipa & year (304. 648)

1109 * ad c je zvup gla yura ca zajepneroum meneron ni o glo the necess seasest ce governing is organizated is palored in palored in palored in palored in palored in garage governing of the state of the season of the 1366 Koopguyawth auderen woode x=1, x=2 x=3\frac{1}{2},
x=-3 Faparente ce y-an ocon: Tyrole y=1, y=3, y=-2,
y=-3\frac{1}{2} Daparente co x-ocon; Ospogu Koopgutaeve. 3 (0,3) (1,3) (2,3) (32,3) (0,1) (2,1) (3\frac{1}{2},1) 7=1 -1 0 1 2 3 4 (-3,0) y=0 -2 (0,-2) (1-2) (2,-2) (3/2,-2) 4=-2 9=-32 0(-3 -3 -3) Cruca 109 Typecer typabe x=m, mek ca aucerowy seen (x-veon) y=0 Cy attance: x = -3 m y = 0 no) (-3,0): (1,0), (2,0), $(3\frac{1}{2},0)$, (m,0), (m,1369. 32-24+5=0 Tipecen ca x- acon motor y=0) x= 10 80 y=0 32-29+5=0 3x+5=0, operce chegu x=-\$, marka Decera ca x-ocon (x,y)=(-\$,0). There is y - 0004 (Thouse x=0), x=0 x=0 x=0 x=0 x=0 y=0 y=0

1110

3 (
$$6,\frac{5}{2}$$
)

3 ($6,\frac{5}{2}$)

3 ($6,\frac{5}{2}$)

4 ($6,\frac{5}{2}$)

Check 110

Check 110

1 370. Check 681.2) Je gepranute upobe $y = 9x$,

Mark 4 M ($5x,y$) = (3,1), $x = \frac{1}{2}$ = $\frac{1}{3}$ = $\frac{1}{3}$