Callernaf 3 (15.09,16) (9,928 9n) = (9,925,9n) - ynopiago reservició rasop - 200 Inonero receoque (a, a, a, an) u (b, b, b, b) razolbanonces palnoteles, ceices $(m'=n)\Lambda(a_1=b_1)\Lambda(a_2=b_2)\Lambda$ $\Lambda(a_m-b_m)$ Ayor A u B renonceesba. Mroncecta been yp-tre recopol (a, b), rge a eA beB, reasonbactes genapinobecux mousbegences removees b AuB. Cognerence AXB A2=AXA-generrob kongram vere-A, XA, XA, XA, XAn-generrobog manybegener retroncerto 1, 12, 1/2 Jagarea A-- 21,2,3}, B= 93,74.

 $A \times B = f(4,3), (2,2), (2,3), (2,2)$ (3,3), (3,4) $(b \times A = 2(3,1), (3,2), (3,3), (7,1),$ (7,2),(7,3) $B = B \times B = f(3,3), (3,7), (7,3), (7,3)$ $B^{3} = B \times B \times B = (3,3,3), (3,3,4), (3,4,3), (3,4,4), (3,4,4), (4,3,4), (4,4,4)$ $B \times A \times B 2 (3, 1, 3), (3, 1, 4), (3, 2, 3), (3, 2, 4), (4, 1, 3), (4, 1, 3), (4, 1, 4), (4, 2, 3), (4, 2, 4), (4, 3, 3), (4, 3, 4).$ [A, xf2x XAn] = [As]. [As]. An Terral Dericobsernationore Q=fm/mell, nell g-curoucees bo rangelossacres reces I - cenencees to appaes nonements

Tyest $x \in \mathbb{Q}, x = \frac{m}{n}$ десичиная дробь "Melo x revueno zanecaso 6 buge recuoserseois nepleogereens gecerniernoir gnosu. Ecres n=2.55 mo rencieo x lloncho zanecas be beege noncrences gener. gpory Mpunep обыйн. $\frac{4}{25} = 0,28 = 0,28(0) = 0,240 + \frac{70125}{500,2}$ Консти. Spoi. - 200 deckonernou neperogureexue Harryrere $\frac{9}{26} = 0,2(692307)$ 70126 520,269230 repuss.

(1, 2, 3, ..., 25)1920 156 agara X=3,2(107). 3,2-10000 -32104/107) 10x = 32 (\$ 104) 10000 x = 32 104/104) 10000x -10x = 32104 (104) - 32 (104). 9090x = 320 8\$5 X = 32075 \ 900 \ 900 \ 900 \ 900 \ 1900 \ 1900 \ 1900 \ 100 \ 2000 \ 10 Elucing racongeny Hurpemer 9990 2105 150 535 500 3 4 1 2 1

Bagara: D-96, 450 x = 13 -uppay relecel. Perrence Tregnouenceuer x = 13 pagreonaisme reverse. morga $\sqrt{3} = \frac{m}{n}$ Hecoxparing. $3 = \frac{m^2}{n^2}$ $m^2 = 3n^2$ $(m^2:3)\wedge(3\in P) \Longrightarrow (m:3) =>$ $\Rightarrow (m=3p) => (3p^2=3n^2)$ $\Rightarrow (3p^2=n^2) (n^2:3) \neq (3p^2=3n^2)$ Moneconerece Bagara D-76 x = 2 + 13 - uppary Yllelo l'éccereure. I regnouverer 450 x - parsciona altroc rucieo. Thueseer. 13 = X-12=> $3 = X^2 - 2\sqrt{2} \times + 2 = 2\sqrt{2} \times - X$ $= > \left(\sqrt{2} - \frac{x^2 - 1}{2x}\right) \cdot HO \times \frac{x^2 - 1}{2x} \in \mathbb{R},$ V2 eT

Themelopoure -Meregereese nama Conerce, Juan Marie negro es ucedie respeption XEL Pagara (*) 3/9+ 180 + 19-10 =

41 - paesiconaiconae. Peucence.

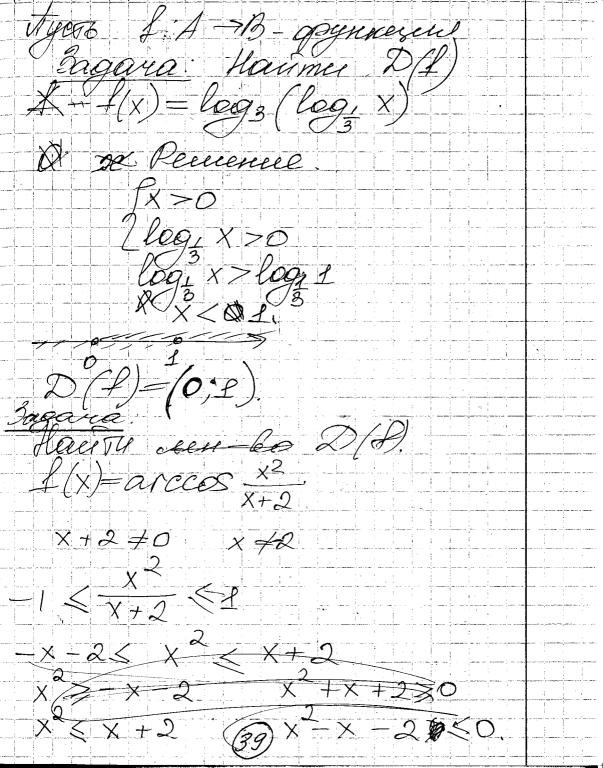
1) Bozbegerer pabenerbo (*) 6×96 . $a^3 + 3a^2b + 3b^2a + b^3 = (a+b)^3$ $x^{3} = 9 + \sqrt{80 + 9} - \sqrt{9} + (3\sqrt{9 + \sqrt{80}})^{2} (9 - \sqrt{80})^{2}$ $x = 18 + 3x \sqrt{81 - 80}$ $x^3 = 18 + 3x$ $(x-3)(x^2+3x+6)=0$ $= x^3 + 3x - 18 = 0$ X=3-Kopen6 y2+3x+6 D= 9-24=-15 Her. Kopnen.

Roeraebrej x e B, mo x = 3. Mor ganazaces, ago x ElX $X = O_{1}(12)$ Banucams X l beege objettes levereur u l biege alchoreurnois republiceexact gécest. 1=0(12) 100 y = 12, (12) 99 y= 12 $y = \frac{12}{99} = \frac{4}{33}$ $\approx = 0(13)$ 100 = 13 (13) $\frac{y}{2} = \frac{12.99}{99.13} = \frac{12}{13} = 0.923046$ 997-13 $\mathcal{L} = \frac{13}{99}$

Meero 3. Omognancence = gryckyll Jucqo AuB récesones es 60 MycTo Kemcgaelees Inceleenty XEA no nocemberes B comberexpece nex-in 21-5 althousesto 1. Vorga roleomes, 40 zagara omonancenne summeeste A 60 devenuer 60 B. auce esto jacque qo-es gerroskyro-cesais UZA 613.

net fx 1: A >> B Antica May marcael samels ozrealaean urt f-amograncenere elenogeeesto A 60 unoncecto B function A=D(P)-reneverebb emagereeneers

B# renowcecibe merborous grynkyeer E(f)-serioucrétée gy eB | Jx eA): :y-f(x)-remance also graverem apgrecesses f



$$\frac{3}{3}, \frac{5}{3}, \frac{2}{3}, \frac{7}{3}, \frac{7}{3},$$

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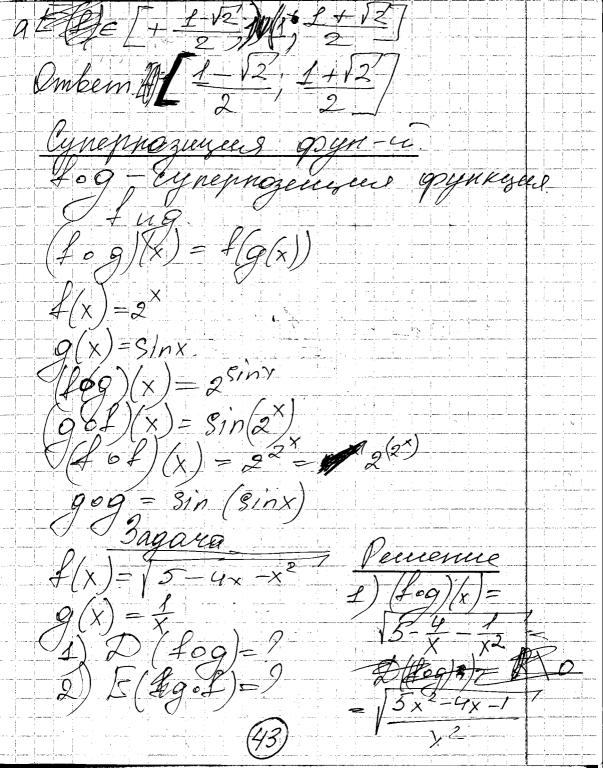
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$$R = (-\infty, 3)$$



(44)

 $f(x+1+1) = \frac{2\cos(x-1)-\cos(x-1)}{2}$ $f(x) = 3\cos(x-1) - \cos(2\pi x) = 2\cos(x-1)$ Vennesce a recemerce go-a Per la reazocoamere 1) (XED(1)): (-x) ED(1) J. e. remonée at bo D/4) Ellellette prence OTHE. $2) (\forall \times \in \mathcal{D}(A)) \cdot f(-x) = f(x)$ P-9 reazerbaer cu noverte à 2) f(-x) = -f(x)

$$\frac{2agana}{x^{2}+1} = \frac{2agana}{x^{2}+1} = \frac{2aga$$

represente que Typical f(x) - representations Chepagoese 1, ecces 1) $(\forall x \in \mathcal{D}(f))$; $(x \pm T) \in \mathcal{D}(f)$ 2) $(\forall x \in \mathcal{D}(f))$; (f(x-T)) = f(x+T) = f(x)Jagara Mue-Cel sel represencement 1) f(x) = cos2x + cos3x $2|f(x) = \cos(x)$ 3) f(x) = cos x 1) 4(0) = 2 $\begin{cases}
2x = 17k \\
2x = 17k
\end{cases}$ $\begin{cases}
2x = 17k \\
2x = 27k
\end{cases}$ J COS 2 2 g $\int \cos 3x - 1$. X = -21/n=>f(x) - represegenceral 1(x ± 211)=1(x). apyrecesel c