DaFuauos Aruxau, 10 E.

$$5x^{2} - 6 \cdot a \cdot x - 1 = 0$$

$$6^{2} - 4ac < 0$$

$$36a^{2} + 20 < 0$$

$$36a^{2} < -20$$

$$a^{2} < -\frac{7}{9}$$

2.
$$y = \sqrt{3-5x} + \frac{3}{x-5}$$

 $3-5x-0$ $x-5 \neq 0$
 $5x \neq 3$ $x \neq 5$
 $x \neq \frac{3}{5}$
 $076ex$ $x \in (-\infty; \frac{3}{5})$.

(3.)
$$(x-x_1)(x-x_2) = 0$$

A) $(x+5)(x+3) = 0$
 $x^2 + 3x + 5x + (5=0)$
 $x^2 + 8x + (5=0)$

b)
$$(x-\sqrt{2})(x-\sqrt{8})=0$$
.
 $x^2-\sqrt{8}x-\sqrt{2}x+\sqrt{16}$
 $x^2-2\sqrt{2}x-\sqrt{2}x+4$
 $x^2-3\sqrt{2}x+4$.

3 COSX =
$$\frac{7}{25}$$
 4 rest.

$$\frac{6602 \times -?}{660 \times 2} = \frac{24}{25}$$

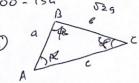
$$\frac{24}{25} = \frac{24}{25}$$

$$\frac{2605^2 \times -560^2 \times -}{25}$$

$$\frac{49}{615} = \frac{5+6}{615}$$

$$\frac{2}{2} = \frac{24}{25} = \frac{336}{625}$$

$$\frac{2}{2} = \frac{523}{625}$$



52. J25 = J25 AB

```
Barranol Annixan, 10 E
ii) AC= 529 +50- 2.528. 552. cos
                                                  AC = \frac{BC \cdot \sin \beta}{\sin \alpha}
AC = \frac{AB \cdot \sin \beta}{\sin \beta}
AC = \frac{5 \cos \beta}{\cos \beta} \cdot \frac{2}{\sqrt{2}} = \frac{\sin \beta}{\sqrt{2}} \cdot \frac{2 \cos \beta}{
                                             AC= AB. J58 J28AC. J58 AC. X2 = SX. X2 =
                gin (180) = 0.
                               5 52 AC 525 AC
                                     BC= AB2+ AC2 - 2 ABAC COSX.
                                        cosde Di-sind = In
                                           cos des= 52
                                       29 = 50 + Ac2 - 1252 . Ac. =
                                                  29= 50+ AC2- WAC
                                           AC2-10AC+21=0.
                                             D= 100-4-21=16
                                             Dr Ac= (0+4)
                                                                               AC= 10-4 = 3.
           STY B = / Jon 3 ne nogrague
J58 2 7,5. RO Teopleme
Cumy col.
                    telogy.
                                  iii) So = 2. AB. AC. Sind = 2. 55 7. 7. 2 =
                               \frac{35}{2} = 17,5
```

Barua wob Amuxau, we

a) D(f)=[-3;4]

J) E(5) = [-1; 3]

B) -3 < x < -1 - 4 Toolbaci -1 (XII - BOZPACIAET 14x23-4 Torbact 3 c X 2 4 - Bospacraer

2) 470 [-3;-2); (-5; 3), (3; 4] 400 (-2; -5)

(2) is Mu= Ac; MullAc, bega y unx y oguna nosné a grix gruna para 1820.

6-1 u 7-2.

MC = Au; Mc 11 Au, Beps (ex tan. opuna usbrie (4=3) a gruna, 334mino S((4-1) = -(2-1)2) = (7-6)2) = 2 210.

Romy raerie gro uporubo no no surre pabun a napannens. un, oruge Ruac-mapanmorpaunen.

ii) Samuel 5. 3=15.

Surge -

A ua = {7-6; 4-13 = { 1;3}

CO = {1-6;1-13: (-5:0)

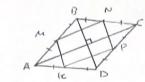
AB. CD = 1. (-5)+3.0=-5.

-7- 510. p. cosd

COSX = - 500

AM = 2 W+25-250.5. - 10 = 535+ WDTO. 10 = 557+10 (42 Slox25-2510.5. Sio 265

(1)



Donazatenscibo:

<BAD= ¿ OCD a & ABC = ¿ ADC

AM = ALL = NC = PC, orunga MUC: NP, 270 taune momo доназай герез теоренту штугов.

MB=BN= 40=PP, oruge4

MN= WP. MN 7 Mu 43-34 payunx y: we bepaun Reporte nous rustre cropour

MINDU PABUN V.

Диагонани ромба 1.

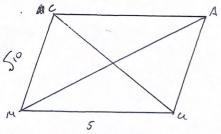
KP II MNII AC. MULL NPILBO. ACTBD

FCB TWM WNT NO ...

Взаимию перпецринумерия.

Borbog grund are, 200 nporubunouonune cropoun palun, a coca gre cocepune un , a Bzanno reprenguy neprocos, gamme

purypaa UMNP- npensy conting



Me. Mu = 5 = 1.543.0.

18= 510.7. LOSA COSX 2 500

Basianos Lauxan, LOE

B. Uz nangoù bepunna des mosto Eun Boberre n-3 bepunn y Beex Bepunn, no our oggat nosto pura a cu nymer oggat ronous à bepunn. M. Cn-3) - mono guaro navier.

AD=3,5=00 AO=64 AD=5364 48,25 AD=5364 48,25 S=41. \frac{1}{2}.6.3,5= =42 cm²

(5) $dg^2d+cdg^2d=?$ dgx+cdgx=2. dgx+cdgx=2 dgx+cdgx=2

(2 2 5 inx cos x

(2 5 inx cos x

2x 2 are (-1) accsond + an

2x 2 (-1) . 2 + an

2x 2 2

x 2 4

4 2 (x) + ch2 (x) = ?

STUXCOSX 22

fg²(x) + cfg²(x) =?

fg²(π) + cfg²(π) = 2.

(3)

16) † man munos

Oner a 215096

Burecce.

6! = 720

720. 2 = 1440

mengy w50 &

neperiano Bua

60.9.1=6 60-6254 60.0,5=54 F 500= 500/54=9

(18) $(x^2-x-6)\sqrt{8-x^7} \le 0$ $x^2-x-6 \le 0$ x^2-