1.) a.) DIK: TP(3,-5)

EIETK Ygdilalvi (0,-1)

DIE: Brek baku: ?

Brek umum = ?

Dawab:

Krn fillk yg dilalvi berhimpil dengan

56-X, maka r=141 bilik yg diblvi pusal

r=5

Bentuk baku: (22-3)2+(129+5)2=25

Bentuk umum; 2-62+9+y2+109+25-25=0 Nugraha Adhitama 22+y2-62+109+9=0 X1 MIPA 3

6.) DIK & TP(1, 1/2)
Likik y9 dilalvi(-1, 1/2)

Dit: BALK baku=. ? BALUKUMUM = -?

Dawab: $r^{2} = (-1-2)^{2} + (\frac{2}{2} - \frac{1}{2})^{2}$ $r^{2} = (-3)^{2} + (3)^{2}$ $r^{3} = 18$

3nt/ ballu: (u-2) + (y-1) = 18

Bentul Umum
2-8-42+4+42-4+4-18=0
2-8-42-42-4-55=0
42-449-162-44-55=0

2.) a.) Dik: L= 2e2+y2-2e+3y=0

Dit: TP=.?

1e2-2e=(

1e2-2e=(

Nugraha Adhifama y2+3y=

XIMIPA 3 y2+3y=

22-22 = (12-2) 2 (12-

R²-3²-3² R²-3²-3² R²-5²-5²-5 2R²-5²-5 2R²-2-4 R²-2-4

2.) b.) Dik:
$$3u^{2} + 3y^{2} - 3u + 9y - 9 = 0$$

A = -3 -> $a = \frac{3}{4}$ TP($\frac{3}{4}, \frac{-9}{4}$) $R^{2} = a^{2} + b^{2} - C$

B = $\frac{9}{4} + \frac{91}{4} - \frac{10}{4} = \frac{27}{4} = 18$

C = $\frac{1}{4}$ Nugraha Adhitama

3.) Dik: $L = 2u^{2} + y^{2} + 4u + 8y + C = 0$ Dit: $C = \frac{7}{4}$

$$C = \frac{1}{4} + \frac{91}{4} - \frac{10}{4} = \frac{27}{4} = \frac{1}{4} = \frac{1}{4}$$

XIMIPA3