d. Pucat di O(010) dan r = 9

 $x^{2} + y^{2} = r^{2}$ $x^{2} + y^{2} = g^{2}$ $x^{2} + y^{2} = 81 / x^{2} + y^{2} - 81 = 0$

Catatan

2. a. Pusat di
$$p(2:3)$$
 dan $r=8$

$$(x-a)^{2} + (y-b)^{2} = r^{2}$$

$$(x-2)^{2} + (y-(-3))^{2} = 8^{2}$$

$$(x-2)^{2} + (y+3)^{2} = 64$$

3. Pusat di p (2,0) dan titile (2,14) b. Pusat di p(2,0) dan titile (-1,-3)
$$(x-a)^2 + (y-b)^2 = r^2$$
 $(x-a)^2 + (y-b)^2 = r^2$ $(x-a)^2 + (y-b)^2$

b. pusar de
$$p(2.-3)$$
 don $r = \sqrt{10}$
 $(x-a)^2 + (y-6)^2 = r^2$
 $(x-2)^2 + (y-6)^2 = (\sqrt{10})^2$
 $(x-2)^2 + (y+5)^2 = 10$

b. Purot di
$$p(2.0)$$
 dan Hille $(-1,-3)$
 $(x-a)^2 + (y-b)^2 = r^2$
 $(x-a$

Catatan a. x2 +y2- yx - by - 12 =0

[= J(-2) + (-3) - (-12) 2 54 +9 + 12 2 525

3)

350

Pusat ma (2,3) dan (=5

b. (x-1)2+ (y-5)2=16

x2-2(-1)x+(-1)2+y2-2(-+)y+(-+)2=11

= x² + 2x + 1 + ey² + 10y + 2r = 16 = x² + y² + 2x + 10y + 24 - 16 = 0 x² + y² + 2x + 10y + 10 = 0

9 = -1, 6 = 5 1 = 5 (-1) + (-5) 2-10

= 51+25-10

= 526 - 10

= 4

Catatan

2. a. $x^2 + y^2 = g$ Melalui titik (2, -5) $A(2, -5) = x^2 + y^2 = g$ $2^2 + (-5)^2 = g$ 4 + 25 = g 2g > g

A (2.-5) terletak di lingkaran x2 ty2=9

b. $(x-y)^2 + (y-3)^2 = 36$ di tinte (-2.1)A. $(-2,1) = (x-y)^2 + (y-3)^2 = 36$ $= (-2,-4)^2 + (1-3)^2 = 36$ $= (-6)^2 + (-2)^2 = 36$ $= (-6)^2 + (-2)^2 = 36$ $= (-6)^2 + (-2)^2 = 36$

A(-21) terletak di luar løngearan (x-y)2 + (y-?)2 = 34

Catatan

C. x + y + 0 x - 6y + g = 0 di tihi 1. (-2,5) A (-2,5) -> x + y + 5x - 6y + g = 0 P (-2) + (s) + (-2) - 6(F) + g = 0 Y + 25 - 10 - 50 + g = 0 29 - 10 - 70 + g = 0 -1 + g = 0 -1 (0)

A (-2,8) terletak dalam lungluran Xtyztex-bytg=0

Tunda tangan Orang tua

Yan sopyan

