$r = $ Jarak (P, A)
$= d(P, A)$

di dalam
P $(3, 2)$
Pada
$r = $ jari-jari
$(4, 1)$

$2 \cdots$

$X_2 = -2$

$P(3, 2)$
$A(4, 1)$

$d(P, A)$

$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$

$d = \sqrt{1^2 + (1-2)^2}$

$= \sqrt{1+1} = \sqrt{2}$

$A(x_1, y_1)$
$y_2 - y_1$
r c
(x_1, y_2) $(x_2 - x_1)$ B (x_2, y_2)

$c^2 = a^2 + b^2$
$c^2 = \sqrt{a^2 + bc}$

$r = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$

$(3, 2)$ 2 $(5, 2)$
$= -3$

Jarak =
Perpindahan
Minimum

$y = mx + c$
$y = 2x$
$m = 2 \rightarrow \vec{v} = 2$

$x(t)$
8
7
6
5
4
3
2
1
0

$x(t) = 2t$
$y = 2x$

t	x
0	0
2	4
3	6
4	8

$\vec{v} = \dfrac{\Delta x}{\Delta t} = \dfrac{\Delta y}{\Delta x} = (m)$

$0\ 1\ 2\ 3\ 4\ 5\ 6$ t (detik)

$Q = 4P + 5$ Price harg
Quantity

$x(t)$
5
4
3
2
1

$m = \vec{v}$

$0\ 1\ 2\ 3\ 4$ t

t	x
0	1
1	2
3	4
4	5

$t=0$ $t=1$ $t=3$ $t=4$
1 2 3 5
posisi

$f(x)$

$f(x) = |x|$
$y = |x|$

Domain   Kodomain
1
2
3
5
7
Bukan Fungsi

$y = 2x$
$f(x) = 2x$
$f(x)$
2
4
6
8
10
12
Fungsi

$f(x)$

$f(x) = x^2 + 2$

X $F(x)$

$f(x)$
$f(x) = x$

$y = mx + c$

X $f(x)$

$f(x) = 2x$
$g(x) = x + 1$
$(f \circ g)(x) = f(g(x))$
$f(x+1) = 2(x+1)$
$f(g(x)) = 2x + 2$
$(f \circ g)(x) = 2x + 2$

$f(x) = \dfrac{1}{x}$

$D(f) \rightarrow x \neq 0, x \in R$

$-\infty \qquad 0 \qquad \infty$

$D(f) \rightarrow -\infty < x < 0 \quad \vee \ 0 < x < \infty$

Orang   Mobil
Andi   Alphard
Budi   Supra
Caca   Avanza
Dio
          Fungsi
Eman
Relasi