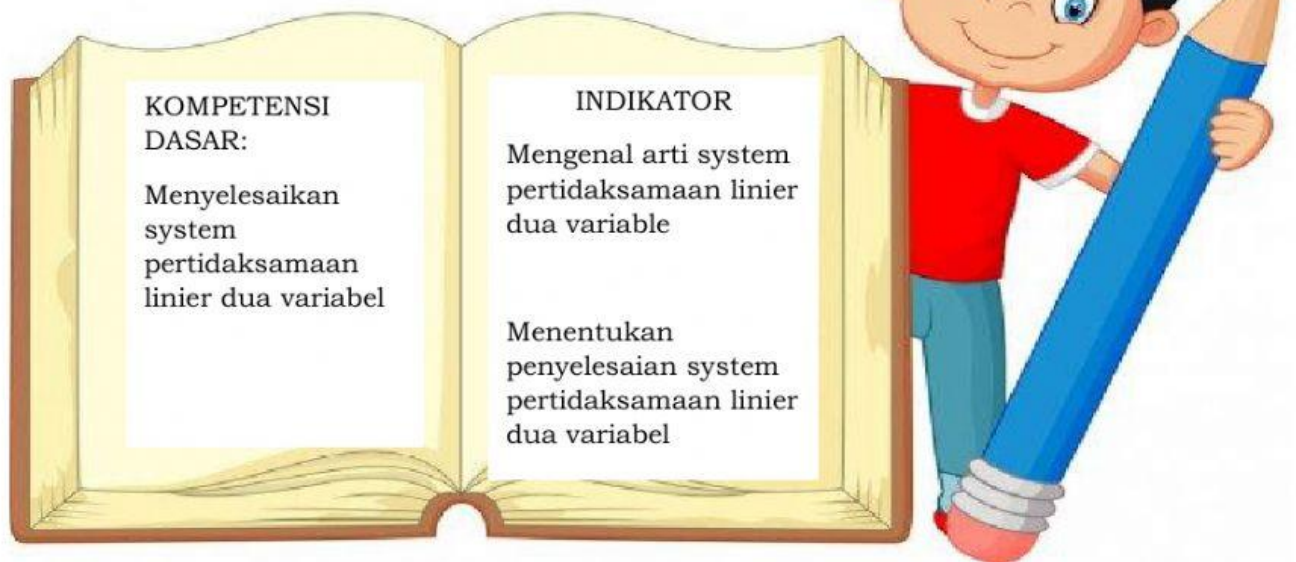


# LEMBAR KERJA PESERTA DIDIK

## MATEMATIKA



### PETUNJUK :

1. ISI NAMA KELAS DAN NOMER ABSEN
2. BACA SOAL ISILAH TITIK MENGGUNAKAN ANGKA YANG TEPAT

3. KLIK



4. KLIK



5. ENTER YOUR FULL NAME diisi NAMA LENGKAP ( HURUF KAPITAL )
6. GROUP/LEVEL diisi KELAS misalnya : XI IPS 4( HURUF KAPITAL )
7. SCHOOL SUBJECT diisi “**TUGAS KD 4** “
8. ENTER YOUR TEACHER EMAIL OR KEY KODE di isi :  
“ yonandher@gmail.com “  
( tanpa spasi huruf kecil )
9. Lalu klik “ **SEND** “

NAMA :

KELAS :

NO. ABSEN :

## ***PERTIDAKSAMAAN LINIER DUA VARIABEL***

Carilah Titik Puncak dari pertidaksamaan  $y < x^2 - 2x - 3$

Penyelesaian :

1. Memotong sumbu x (  $y = \dots$  )

$$y = x^2 - 2x - 3$$

$$0 = x^2 - 2x - 3$$

$$(x - \dots)(x + 1)$$

$$\begin{array}{l} x - 3 = 0 \\ x = \dots \end{array} \bigvee \begin{array}{l} x + \dots = 0 \\ x = -1 \end{array}$$

$$(\dots, 0) \text{ dan } (\dots, 0)$$

2. Memotong sumbu y (  $x = 0$  )

$$y = x^2 - 2x - 3$$

$$y = 0^2 - 2(\dots) - 3$$

$$y = \dots$$

$$(\dots, 0)$$

3. Titik puncak

$$a = \dots$$

$$b = \dots$$

$$c = \dots$$

$$\text{Sumbu simetri ( x )} = \frac{-b}{2a} = \frac{-( \dots )}{2.1} = \dots$$

$$\begin{aligned} \text{Nilai Ekstrim ( y )} &= \frac{-D}{4a} = \frac{-(b^2 - 4ac)}{4a} \\ &= \frac{-((-2)^2 - 4.1.(-3))}{4.1} \end{aligned}$$

$$= \frac{-( \dots - \dots )}{4} = \frac{- \dots}{4} = \dots$$

Titik puncak ( ... , ... )

