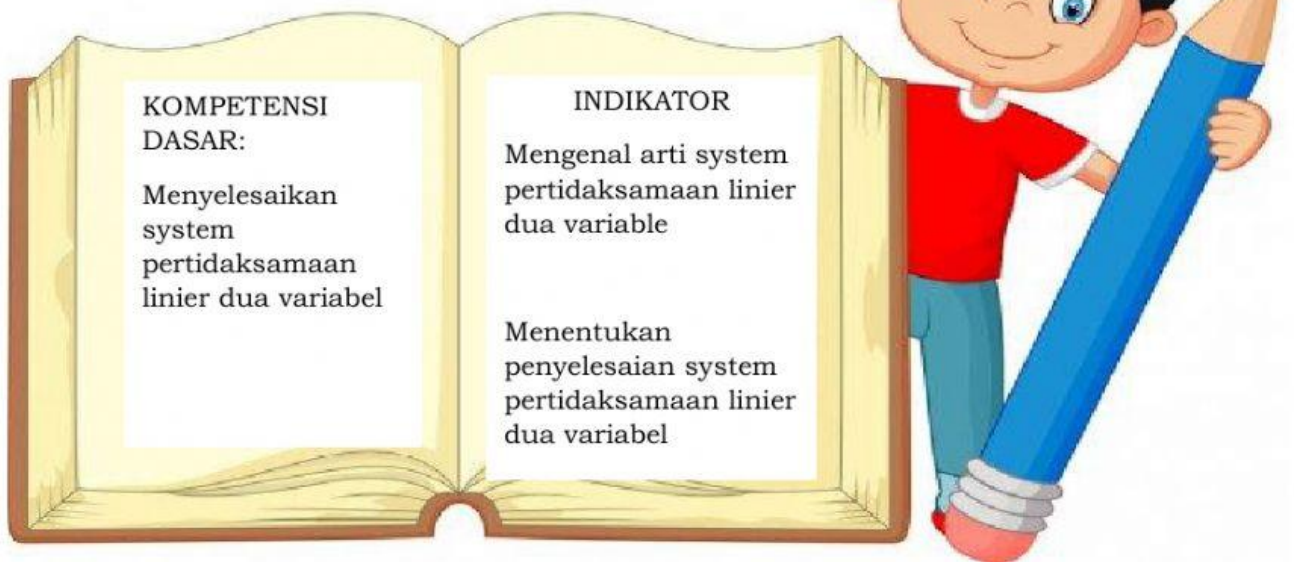


LEMBAR KERJA PESERTA DIDIK

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

$$a = \dots$$

$$b = \dots$$

$$c = \dots$$

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

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

Titik puncak (... , ...)

