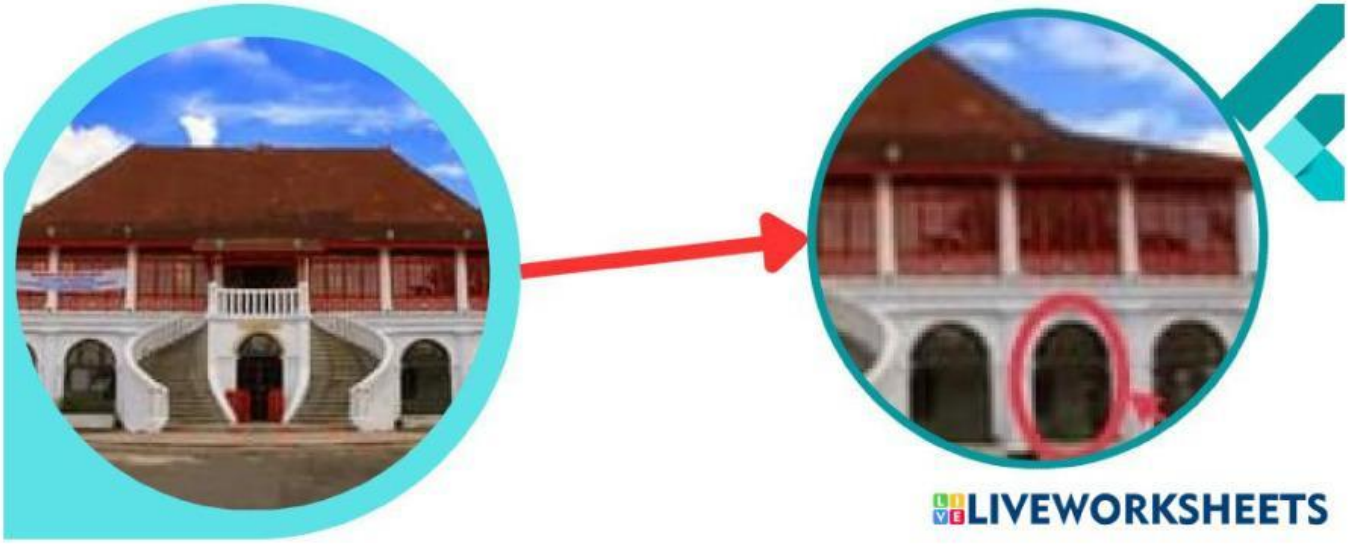
# LEMBAR KERJA PESERTA DIDIK ELEKTRONIK (E-LKPD)

**Hari/Tanggal :** .....
**Nama :** .....
**Kelas : X (Sepuluh)/**.....

## Tujuan Pembelajaran

10.24 Peserta didik dapat menganalisis sifat dari fungsi kuadrat



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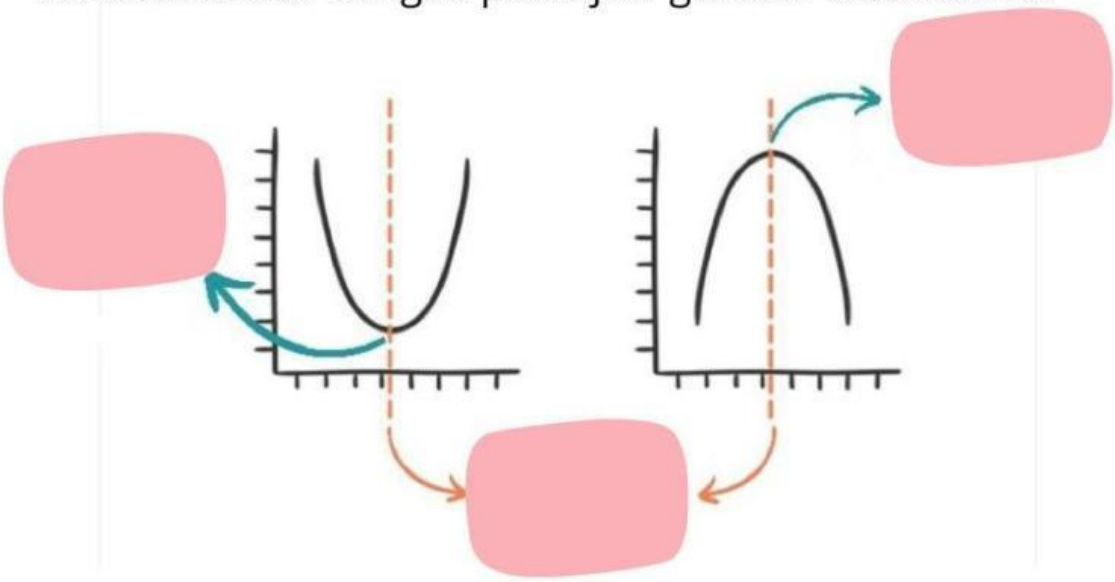
## AYO, BERLATIH

Pilihlah jawaban yang tepat mengenai ciri-ciri fungsi kuadrat sesuai dengan petunjuk gambar dibawah ini!



titik balik minimum

sumbu simetri

titik balik maksimum

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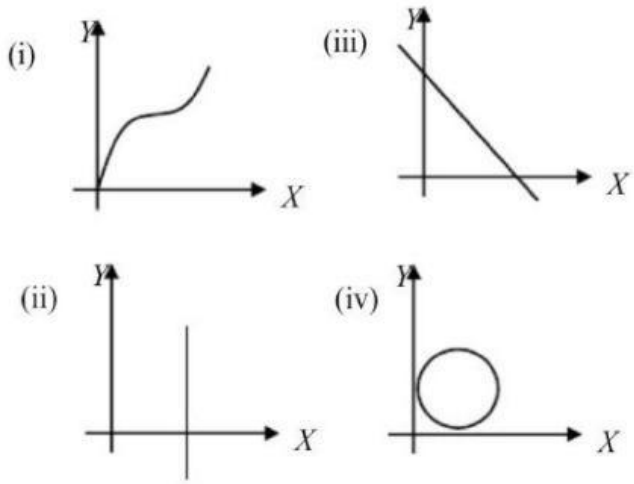
## LATIHAN SOAL

Kerjakan soal dibawah ini dengan benar!

1.




Berdasarkan grafik di atas yang merupakan fungsi adalah....

A. hanya (i) dan (ii)

B. hanya (ii) dan (iii)

C. hanya (i) dan (iv)

D. hanya (i) dan (iii)

E. hanya (ii) dan (iv)

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2. Grafik fungsi kuadrat berbentuk....

A garis lurus

B garis lengkung

C lingkaran

D parabola

E diagram

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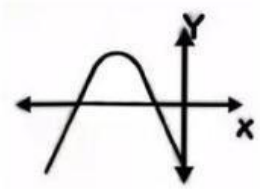
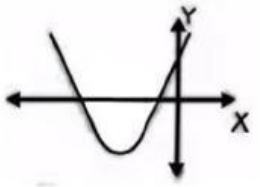
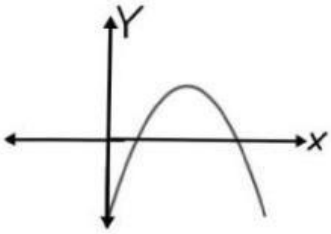
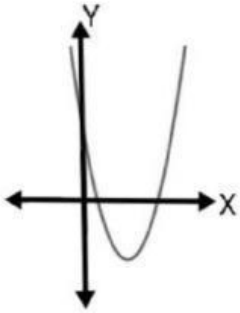
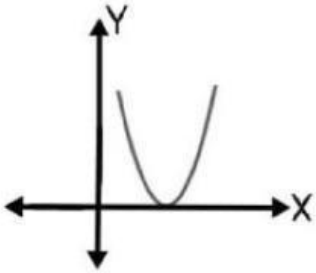
3. Grafik fungsi $y = ax^2 + bx + c$ dengan a > 0, b > 0, c > 0, dan $b^2 - 4ac > 0$ berbentuk....

A 


B 


C 


D 


E 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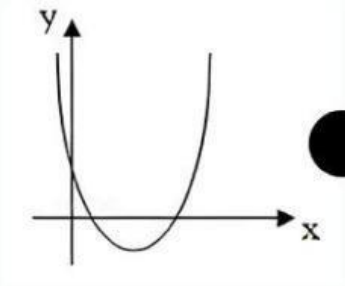
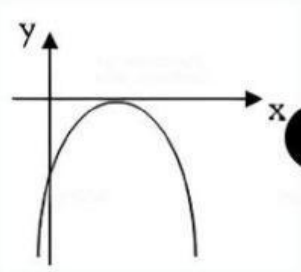
## AYO, BERLATIH

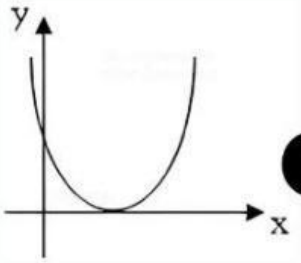
Untuk mengasah kemampuanmu, hubungkanlah gambar dibawah ini dengan konsep yang sesuai!



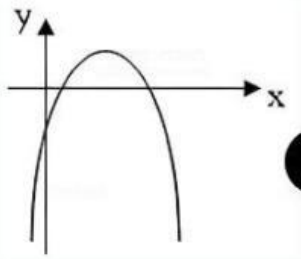

D = 0 Memotong sumbu x di 2 titik
a < 0 Terbuka ke atas




D > 0 Memotong sumbu x di 2 titik
a < 0 Terbuka ke atas




D > 0 Memotong sumbu x di 2 titik
a > 0 Terbuka ke atas




D = 0 Memotong sumbu x di 2 titik
a > 0 Terbuka ke atas

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## LATIHAN

Kurva parabola $y = x^2 + bx + c$ memiliki titik balik (1, 6). Nilai *c* adalah....

JAWABAN:

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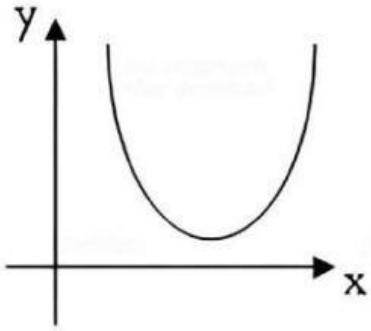
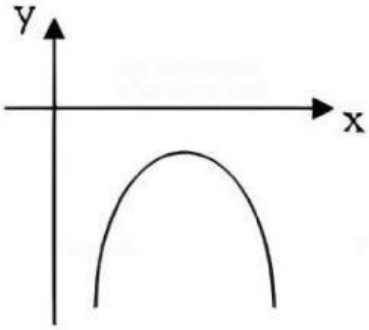
## AYO, BERLATIH




BENAR SALAH




BENAR SALAH

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## AYO, BERLATIH

**CARI KATA: PARABOLA, KOEFISIEN, KONSTANTA, KOORDINAT, SUMBU, GRAFIK.**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| g | p | x | n | c | y | u | s | g | k |
| i | a | d | e | v | b | e | w | o | t |
| p | r | p | t | m | y | r | e | s | a |
| a | a | j | u | l | p | f | v | y | n |
| z | b | s | q | g | i | x | k | l | i |
| u | o | y | l | s | r | k | j | j | d |
| p | l | k | i | n | z | q | z | p | r |
| s | a | e | g | r | a | f | i | k | o |
| i | n | k | j | y | q | o | o | y | o |
| a | t | n | a | t | s | n | o | k | k |

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# BIODATA

| | |
|---|---|
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| Tempat/Tanggal Lahir | : Prabumulih, 07 Januari 2003 |
| Mata Kuliah | : Desain Media Komputer |
| Dosen Pembimbing | : Harisman Nizar., M.Pd |

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