LEMBAR KEGIATAN PESERTA DIDIK

NAMA : HARI/TGL :

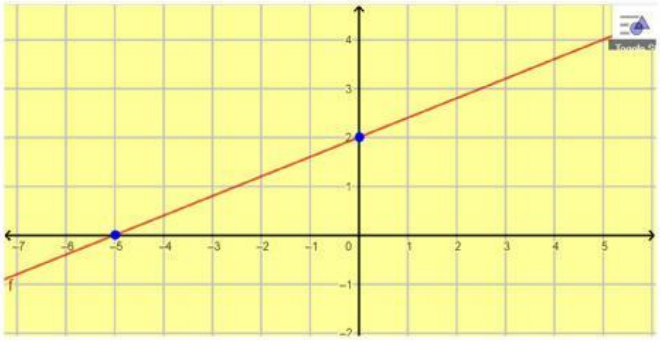
KELAS :

MENENTUKAN GRADIEN GARIS

PERMASALAHAN 1

1. Tentukan gradien garis dari gambar berikut.

a)



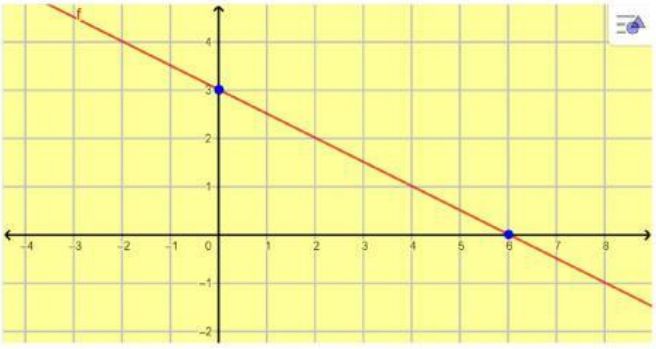
Alternatif Jawaban :

$m = \frac{\dots\dots\dots}{\dots\dots\dots}$

$= \frac{\dots\dots\dots}{\dots\dots\dots}$

$= \dots\frac{\dots\dots}{\dots\dots}$

b)



Alternatif Jawaban :

$m = \frac{\dots\dots\dots}{\dots\dots\dots}$

$= \frac{\dots\dots\dots}{\dots\dots\dots}$

$= \dots\frac{\dots\dots}{\dots\dots}$

PERMASALAHAN 2

2. Tentukan **kemiringan (gradien)** garis jika diketahui persamaan garisnya sebagai berikut.

No.	Persamaan	Rumus Gradien	Nilai Gradien
1.	$y = -2$		$m = \dots\dots$
2.	$y = \frac{1}{2}x$		$m = \dots\dots$
3.	$y = 2x - 6$		$m = \dots\dots$
4.	$2y = 6x - 7$		$m = \dots\dots$
5.	$3x + 2y = -6$		$m = \dots\dots$
6.	$6x - 2y - 12 = 0$		$m = \dots\dots$

LIVEWORKSHEETS

PERMASALAHAN 3

3. Tentukan **kemiringan (gradien)** garis yang melalui titik :

a) $(-4, 1)$ dan $(-7, 5)$

b) $(6, -1)$ dan $(-3, 5)$

Alternatif Jawaban :

a) $(-4, 1)$ dan $(-7, 5)$

$x_1 = \ldots\ldots \quad x_2 = \ldots\ldots$

$y_1 = \ldots\ldots \quad y_2 = \ldots\ldots$

$m = \frac{\ldots\ldots\ldots\ldots}{\ldots\ldots\ldots\ldots}$

$= \frac{\ldots\ldots\ldots\ldots}{\ldots\ldots\ldots\ldots}$

$= \frac{\ldots\ldots\ldots\ldots}{\ldots\ldots\ldots\ldots}$

$= \ldots\frac{\ldots\ldots}{\ldots\ldots}$

b) $(6, -1)$ dan $(-3, 5)$

$x_1 = \ldots\ldots \quad x_2 = \ldots\ldots$

$y_1 = \ldots\ldots \quad y_2 = \ldots\ldots$

$m = \frac{\ldots\ldots\ldots\ldots}{\ldots\ldots\ldots\ldots}$

$= \frac{\ldots\ldots\ldots\ldots}{\ldots\ldots\ldots\ldots}$

$= \frac{\ldots\ldots\ldots\ldots}{\ldots\ldots\ldots\ldots}$

$= \ldots\frac{\ldots\ldots}{\ldots\ldots}$

SEMOGA SUKSES

LIVEWORKSHEETS

LIVEWORKSHEETS