



Kurikulum
Merdeka

MERDEKA
BELAJAR

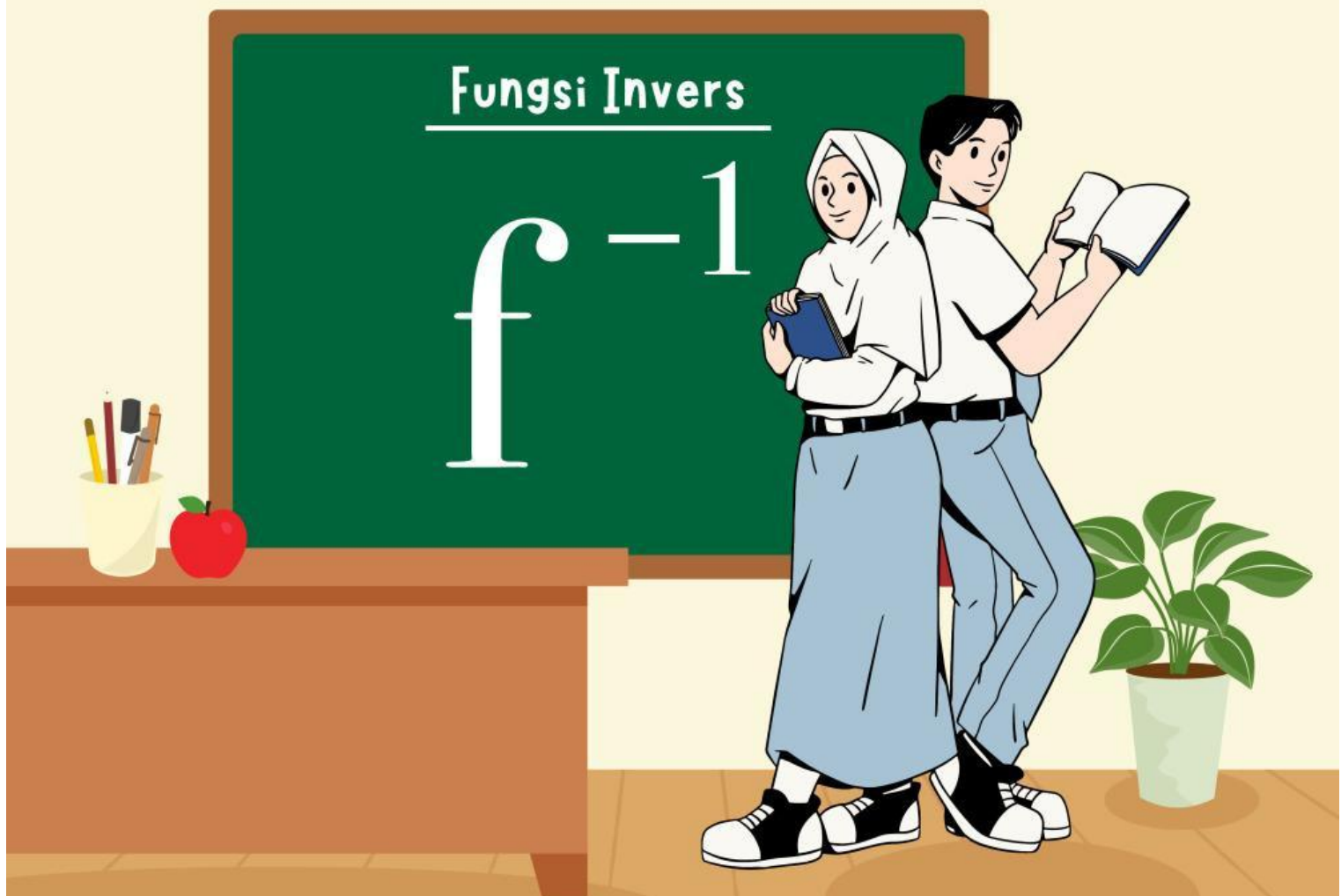
Merdeka
Mengajar

LKPD

Rumus Fungsi Invers

Guru

Muhammad Ilyas, S.Mat



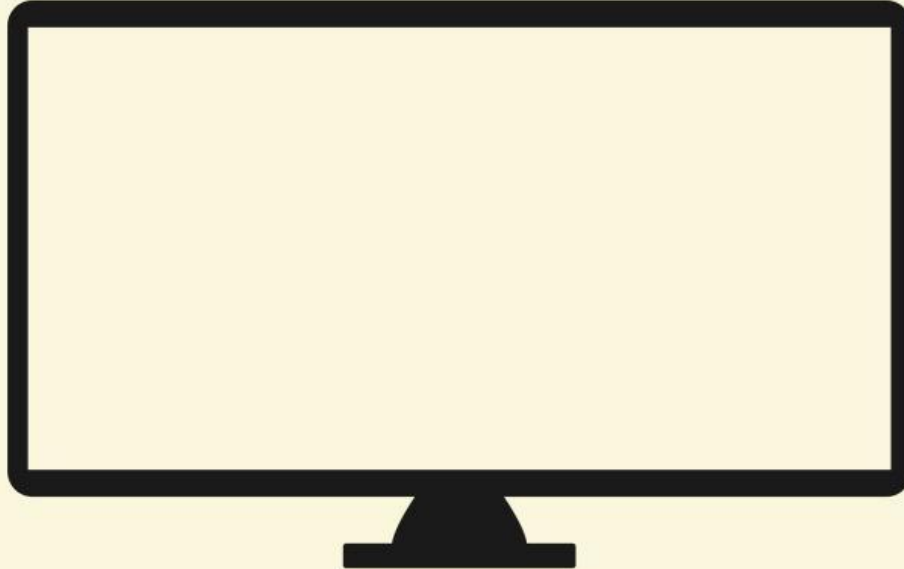
Nama:

Kelas:

Fungsi Invers

Tujuan Pembelajaran:

1. Peserta didik dapat menentukan fungsi yang memiliki invers
2. Peserta didik dapat menentukan rumus fungsi invers



1

$$f(x) = x - 3$$



$$f^{-1}(x) = \frac{2x + 1}{4}$$

2

$$f(x) = 2x + 1$$



$$f^{-1}(x) = \frac{3}{2x - 2}$$

3

$$f(x) = x^2 + 4x + 4$$



$$f^{-1}(x) = \sqrt{x} - 2$$

4

$$f(x) = \sqrt{2x + 1}$$



$$f^{-1}(x) = x + 3$$

5

$$f(x) = \frac{4x - 1}{2}$$



$$f^{-1}(x) = \frac{x - 1}{2}$$

6

$$f(x) = \frac{2x + 3}{2x}$$



$$f^{-1}(x) = \frac{x^2 - 1}{2}$$

7

$$f(x) = \frac{x + 2}{x - 1}$$



$$f^{-1}(x) = \frac{x - 1}{2x - 3}$$

8

$$f(x) = \frac{3x - 1}{2x - 1}$$



$$f^{-1}(x) = \frac{2 + x}{x - 1}$$