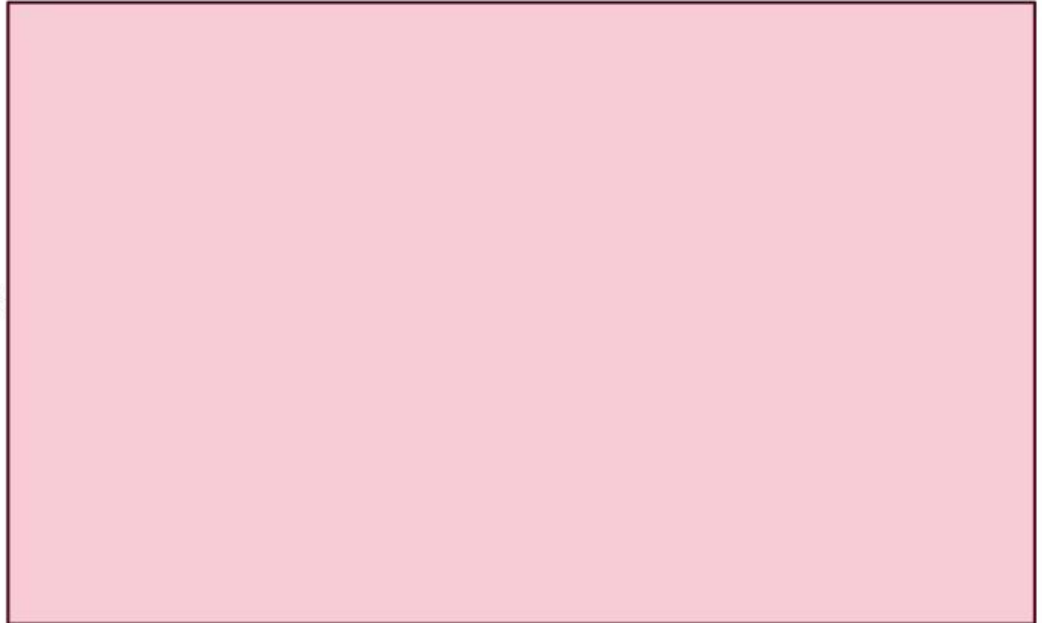


# LKPD

## Turunan Fungsi Aljabar

Perhatikan Video Berikut ini!



Perhatikan Materi Presentasi berikut:



4

**TEKSFIELD**

Turunan biasa juga disebut dengan...

Tuliskan aplikasi turunan dalam bidang fisika!

5

**SINGLE CHOICE**Turunan dari  $f(x)=x^3-5x$  adalah...

Turunan keduanya adalah...

6

**CHECKBOXES**

Pilih fungsi berikut yang turunan pertamanya merupakan konstanta :

|                          |               |                          |                       |
|--------------------------|---------------|--------------------------|-----------------------|
| <input type="checkbox"/> | $f(x) = 4x^2$ | <input type="checkbox"/> | $f(x) = 8x + 3$       |
| <input type="checkbox"/> | $f(x) = 6x$   | <input type="checkbox"/> | $f(x) = 22x - 2 - 22$ |

7

**SELECT**Turunan yang benar dari  $f(x)=3x^4 + x^3 - 2x^2$  adalah :

|                          |                |                          |                 |                          |         |                          |                |
|--------------------------|----------------|--------------------------|-----------------|--------------------------|---------|--------------------------|----------------|
| <input type="checkbox"/> | $12x^2+3x^2+4$ | <input type="checkbox"/> | $12x^3+3x^2-4x$ | <input type="checkbox"/> | $22x^4$ | <input type="checkbox"/> | $12x^3 + 4x^2$ |
|--------------------------|----------------|--------------------------|-----------------|--------------------------|---------|--------------------------|----------------|

8

**WORD SEARCH**

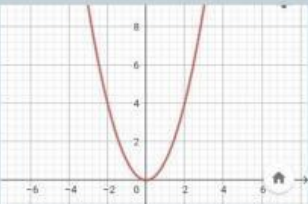
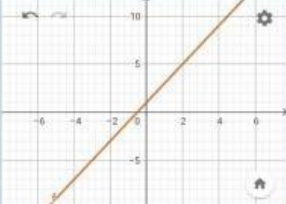
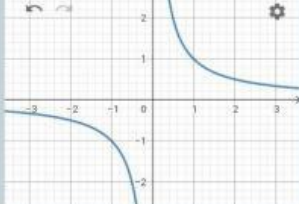
CARI KATA YANG BERKAITAN DENGAN TURUNAN FUNGSI ALJABAR

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| A | K | L | K | P | H | H | G | K | O |
| L | O | L | E | H | K | V | B | P | N |
| I | V | U | M | U | S | P | P | A | L |
| F | S | A | I | B | J | A | L | N | J |
| A | T | U | R | U | N | A | N | G | S |
| N | A | D | I | I | H | S | K | K | B |
| I | B | A | N | B | A | M | I | A | R |
| C | T | D | G | U | T | B | T | T | D |
| A | A | A | A | E | R | A | E | W | Y |
| F | F | U | N | G | S | I | P | L | G |

9

**Drag and Drop**

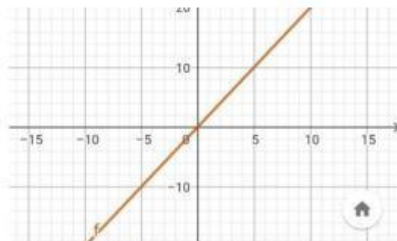
Pindahkan grafik fungsi ke turunan pertamanya yang telah disediakan dengan tepat!

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

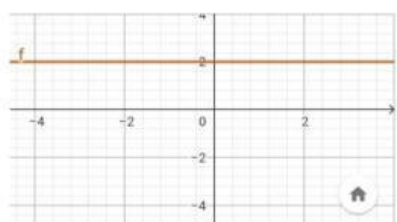
10

## JOIN AND ARROW

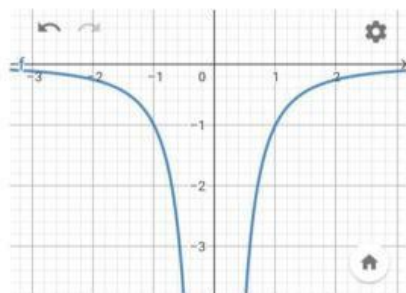
Tarik garis untuk memasangkan grafik turunan fungsi dan fungsinya di bawah ini!



$$f(x) = \frac{1}{x}$$



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



$$f(x) = 2x$$