

SOAL REMIDIASI MATEMATIKA KELAS XI

NAMA : KELAS :

1. Diketahui persamaan kuadrat $3x^2 + 13x - 10 = 0$

Maka

$a = \dots$

$b = \dots$

$c = \dots$

2. Tentukan akar – akar dari persamaan kuadrat

$$x^2 - 5x - 6 = 0!$$

Jawab

$$x^2 - 5x - 6 = 0$$

$$(x - \dots) (x + \dots) = 0$$

$$(x - \dots) = 0 \quad \text{atau} \quad (x + \dots) = 0$$

$$x = \dots$$

$$x = \dots$$

3. Tentukan akar – akar dari persamaan kuadrat

$$2x^2 + 7x + 5 = 0!$$

Jawab

$$2x^2 + 7x + 5 = 0$$

$$(2x + \dots\dots\dots) (2x + \dots\dots\dots) = 0$$

$$(2x + \dots\dots\dots) = 0 \quad \text{atau} \quad (2x + \dots\dots\dots) = 0$$

$$x = \frac{\dots\dots\dots}{\dots\dots\dots} \quad x = \frac{\dots\dots\dots}{\dots\dots\dots}$$

4. Sumbu simetri dari fungsi kuadrat

$$f(x) = x^2 + 6x + 8 = 0 \text{ adalah}$$

Jawab

$$x = \frac{-\dots\dots\dots}{2a}$$

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

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