

Nama:

Kelas:

PERSAMAAN KUADRAT

Selesaikan persamaan kuadrat berikut dengan menggunakan rumus kuadratis!

$$3x^2 + 8x + 4 = 0$$

Jawab:

$$a = \dots\dots\dots, b = \dots\dots\dots, c = \dots\dots\dots$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$= \frac{-8 \pm \sqrt{(\dots\dots\dots)^2 - (4 \times \dots\dots\dots \times 4)}}{2 \times 3}$$

$$= \frac{-8 \pm \sqrt{\dots\dots\dots - \dots\dots\dots}}{\dots\dots\dots}$$

$$= \frac{-8 \pm \sqrt{\dots\dots\dots}}{6}$$

$$= \frac{-8 \pm \dots\dots\dots}{6}$$

$$x_1 = \frac{-8 + 4}{6} \quad \text{atau} \quad x_2 = \frac{-8 - 4}{6}$$

$$x_1 = \frac{\dots\dots\dots}{6} \quad \text{atau} \quad x_2 = \frac{\dots\dots\dots}{6}$$

$$x_1 = -\frac{\dots\dots\dots}{3} \quad \text{atau} \quad x_2 = \dots\dots\dots$$

-12
-4
-2
2
3
4
6
8
16
48
64