

OPERASIONAL BILANGAN AKAR

1. Ubahlah bentuk akar di bawah ini menjadi lebih sederhana.

$$\begin{aligned} \text{a. } \sqrt{125} &= \sqrt{\quad} \times \sqrt{\quad} \\ &= \sqrt{\quad} \times \sqrt{\quad} \\ &= \quad \times \sqrt{\quad} \\ &= \quad \sqrt{\quad} \end{aligned}$$

$$\begin{aligned} \text{b. } \sqrt{96} &= \sqrt{\quad} \times \sqrt{\quad} \\ &= \sqrt{\quad} \times \sqrt{\quad} \\ &= \quad \times \sqrt{\quad} \\ &= \quad \sqrt{\quad} \end{aligned}$$

2. Selesaikan operasi hitung bentuk akar di bawah ini.

- a. Hasil dari $\sqrt{32} - \sqrt{2} + \sqrt{128}$

$$\begin{aligned} &\sqrt{32} - \sqrt{2} + \sqrt{128} \\ &= \sqrt{\quad} \times \sqrt{\quad} - \sqrt{2} + \sqrt{\quad} \times \sqrt{\quad} \\ &= \quad \sqrt{\quad} - \sqrt{2} + \quad \sqrt{\quad} \\ &= \quad \sqrt{\quad} \end{aligned}$$

b. Hasil dari $2\sqrt{8} \times 3\sqrt{50}$

$$2\sqrt{8} \times 3\sqrt{50}$$

$$= \underline{\quad} \times \underline{\quad} \sqrt{\underline{\quad}} \times \underline{\quad}$$

$$= \underline{\quad} \sqrt{\underline{\quad}}$$

$$= \underline{\quad} \sqrt{\underline{\quad}} \times \underline{\quad}$$

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$$= \underline{\quad} \sqrt{\underline{\quad}}$$