# MATEMATIKA KELAS 9
## Soal Latihan
## Bentuk Akar

1. Sederhanakan bentuk Akar berikut

a. $\sqrt{54} = \ldots\sqrt{\ldots}$ b. $\sqrt{72} = \ldots\sqrt{\ldots}$

c. $5\sqrt{12} = \ldots\sqrt{\ldots}$ d. $\frac{2}{3}\sqrt{108} = \ldots\sqrt{\ldots}$

2. Pasangkan Jawaban yang benar

a. $4\sqrt{18} = \ldots$ b. $15\sqrt{8} = \ldots$ c. $\frac{3}{4}\sqrt{32} = \ldots$

| | | |
|---|---|---|
| $30\sqrt{2}$ | $3\sqrt{2}$ | $12\sqrt{2}$ |

3. Jodohkan bentuk yang Paling Sederhana.

a. $2\sqrt{8} + \sqrt{18} + \frac{1}{4}\sqrt{32} + \sqrt{200} =$ ☐

b. $\sqrt{45} + 3\sqrt{20} - 5\sqrt{5} =$ ☐

c. $\sqrt{150} - \sqrt{24} + 2\sqrt{54} =$ ☐

d. $3\sqrt{108} + 2\sqrt{75} + 5\sqrt{12} =$ ☐

e. $5\sqrt{63} + 3\sqrt{28} - \sqrt{112} =$ ☐

Jodoh

| |
|---|
| $38\sqrt{2}$ |
| $17\sqrt{7}$ |
| $18\sqrt{2}$ |
| $9\sqrt{6}$ |
| $4\sqrt{5}$ |

4. Benar atau Salah dari Bentuk akar berikut.

| NO | SOAL | B | S |
|---|---|---|---|
| 1 | $\sqrt{5}$ | | |
| 2 | $\sqrt{9}$ | | |
| 3 | $2\sqrt{7}$ | | |
| 4 | $\sqrt{36}$ | | |
| 5 | $3\sqrt{25}$ | | |

LIVEWORKSHEETS