

Nama :

Kelas :

PANGKAT DAN AKAR

LATIHAN 6

A. Rasionalkanlah bentuk akar di bawah ini !

1. $\frac{10}{\sqrt{5}} = \sqrt{\quad}$

7. $\frac{8}{\sqrt{6}-2} = \sqrt{\quad} + \sqrt{\quad}$

2. $\frac{12}{5\sqrt{2}} = -\sqrt{\quad}$

8. $\frac{\sqrt{360}}{2-\sqrt{10}} = \sqrt{\quad} - \sqrt{\quad}$

3. $\frac{\sqrt{6}}{\sqrt{5}} = \frac{\sqrt{\quad}}{\sqrt{\quad}}$

9. $\frac{12}{\sqrt{10}-\sqrt{7}} = \sqrt{\quad} + \sqrt{\quad}$

4. $\frac{\sqrt{15}}{5\sqrt{3}} = -\sqrt{\quad}$

10. $\frac{9\sqrt{7}}{\sqrt{10}-\sqrt{7}} = \sqrt{\quad} + \sqrt{\quad}$

5. $\frac{7\sqrt{6}}{3\sqrt{7}} = \frac{\sqrt{\quad}}{\sqrt{\quad}}$

11. $\frac{\sqrt{7}-\sqrt{5}}{\sqrt{7}+\sqrt{5}} = -\sqrt{\quad}$

6. $\frac{5}{\sqrt{2}+1} = \sqrt{\quad} - \sqrt{\quad}$

B. Ubahlah ke dalam bentuk Baku

1. $5.000.000 = 5 \times 10$

2. $364.200.000 = \quad \times 10$

3. $123.000.000.000 = \quad \times 10$

4. $0,0000045 = \quad \times 10$

5. $0,00000000267 = \quad \times 10$

6. $0,000000000000369 = \quad \times 10$