Nama :

Kelas :

PANGKAT DAN AKAR

LATIHAN 3

A. Tuliskan hasilnya pada kotak jawaban yang sudah disediakan

1. $32^{\frac{2}{5}} - 625^{\frac{3}{4}} + 81^{\frac{1}{4}} = \cdots$

2. $\left(\frac{1}{125}\right)^{-\frac{1}{3}} + \left(\frac{1}{64}\right)^{-\frac{1}{3}} - \left(\frac{1}{3}\right)^{-3} = \cdots$

3. $25^{41} : 625^{20} = \cdots$

4. $32^{23} : 16^{28} = \cdots$

5. $\frac{243^{\frac{-2}{5}} \times 27^{\frac{1}{3}}}{81^{\frac{-3}{4}}} = \cdots$

6. $\frac{144^{\frac{1}{2}} - 16^{\frac{3}{4}}}{243^{\frac{-1}{5}}} = \cdots$

7. $\sqrt{25^3} - \sqrt[5]{32^2} + \sqrt[4]{625^2} = \cdots$

8. $\sqrt[6]{64^3} + \sqrt[3]{27^2} - \left(\frac{1}{125\sqrt{5}}\right)^{-\frac{2}{7}} = \cdots$

9. $\left(\frac{1}{3\sqrt{3}}\right)^{-2} - \left(2\sqrt[6]{64}\right)^3 - \left(\frac{1}{5\sqrt{6}}\right)^{-2} = \cdots$

10. $\sqrt{\left(32^{\frac{2}{5}} \times 256^{-\frac{1}{2}} \times 100\right)^3} = \cdots$

LIVEWORKSHEETS

B. Tentukan hasil pengakarannya !

11. $\sqrt{128} = \cdots\sqrt{\ldots}$

12. $\sqrt{80} = \cdots\sqrt{\ldots}$

13. $\sqrt{72} = \cdots\sqrt{\ldots}$

14. $\sqrt{363} = \cdots\sqrt{\ldots}$

15. $\sqrt{288} = \cdots\sqrt{\ldots}$

LIVEWORKSHEETS