Institut Julia Minguell

Nom: 1r BTX

Efectua les següents divisions de radicals i simplifica quan sigui possible:

1. $\dfrac{\sqrt[4]{t^{6}}}{\sqrt[4]{t^{7}}} =$

2. $\dfrac{\sqrt{x^{9}}}{\sqrt{x^{7}}} =$

3. $\dfrac{\sqrt[5]{2^{7} \cdot 3^{9}}}{\sqrt[5]{3 \cdot 2^{7}}} =$

4. $\dfrac{\sqrt{p^{2} \cdot 3}}{\sqrt[4]{3 \cdot p^{3}}} =$

5. $\dfrac{\sqrt[4]{11^{5} \cdot 5 \cdot y^{8}}}{\sqrt{5^{3} \cdot y \cdot 11^{8}}} =$

6. $\dfrac{\sqrt[3]{11^{6} \cdot z^{4} \cdot y^{7}}}{\sqrt{z \cdot y^{9} \cdot 11^{7}}} =$

7. $\dfrac{\sqrt[4]{3}}{\sqrt{3^{2}}} =$

8. $\dfrac{\sqrt[5]{7}}{\sqrt{7^{3}}} =$

9. $\dfrac{\sqrt[4]{11^{4} \cdot s^{8}}}{\sqrt[3]{s^{2} \cdot 11^{3}}} =$

10. $\dfrac{\sqrt[5]{r^{4} \cdot s^{5}}}{\sqrt{s^{8} \cdot r}} =$

11. $\dfrac{\sqrt[5]{n^{2} \cdot 5^{3} \cdot y^{2}}}{\sqrt[5]{5^{5} \cdot y^{3} \cdot n^{4}}} =$

12. $\dfrac{\sqrt[3]{7^{5} \cdot 5^{4} \cdot y^{4}}}{\sqrt{5^{9} \cdot y^{9} \cdot 7^{7}}} =$

13. $\dfrac{\sqrt[5]{180}}{\sqrt[5]{252}} =$

14. $\dfrac{\sqrt[4]{90}}{\sqrt[4]{147}} =$

15. $\dfrac{\sqrt{98}}{\sqrt[3]{21}} =$

16. $\dfrac{\sqrt{180}}{\sqrt[3]{84}} =$