

Extracció de factors

Nom: _____

Extreu factors dels següents radicals i simplifica el resultat:

1. $\sqrt{297} =$ _____ sol: $3\sqrt{33}$

2. $\sqrt[4]{256} =$ _____ sol: 4

3. $\sqrt{800} =$ _____ sol: $20\sqrt{2}$

4. $\sqrt[4]{112} =$ _____ sol: $2\sqrt[4]{7}$

5. $\sqrt[3]{768} =$ _____ sol: $4\sqrt[3]{12}$

6. $\sqrt{125} =$ _____ sol: $5\sqrt{5}$

7. $\sqrt[4]{224} =$ _____ sol: $2\sqrt[4]{14}$

8. $\sqrt[3]{810} =$ _____ sol: $3\sqrt[3]{30}$

9. $\sqrt[3]{16} =$ _____ sol: $2\sqrt[3]{2}$

10. $\sqrt[4]{96} =$ _____ sol: $2\sqrt[4]{6}$

11. $\sqrt{192} =$ _____ sol: $8\sqrt{3}$

12. $\sqrt{56} =$ _____ sol: $2\sqrt{14}$

13. $\sqrt[3]{200} =$ _____ sol: $2\sqrt[3]{25}$

14. $\sqrt{144} =$ _____ sol: 12

15. $\sqrt[4]{625} =$ _____ sol: 5