

Factoring 4

$$\alpha^3 - \beta^3 = (\alpha - \beta)(\alpha^2 + \alpha\beta + \beta^2)$$

$$\alpha^3 + \beta^3 = (\alpha + \beta)(\alpha^2 - \alpha\beta + \beta^2)$$

Να γίνουν οι παρακάτω παραγοντοποιήσεις

1. $6\alpha^3 - 48 =$

2. $\chi^3 + 125 =$

3. $2\alpha^3 + 16\beta^3 =$

4. $4\alpha^3 + 108 =$

5. $5\chi^3 + 40\kappa^3 =$

6. $2\chi^3 - 2\lambda^3 =$

συνδυασμός (factoring 2,3,4)

7. $\chi^3 - 1 + (\chi - 1)^2 =$

8. $\alpha^3 - \beta^3 + \alpha - \beta =$

9. $\alpha^3 + \beta^3 + 2\alpha + 2\beta =$

10. $\alpha^3 + \alpha^2 - 2 =$