

Algebra 3 Factorising Sum of two cubes/ difference of two cubes

Example 1:

Factorise $8x^3 - 125$

Example 2:

Factorise $64b^3 + 1$

Question 1:

(i) $A^3 - b^3$

(ii) $343x^3 - 27a^3$

(iii) $1000x^3 + y^3$

(iv) $A^3 - (b + c)^3$

(v) $128x + 250x^4$