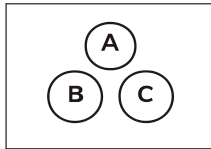
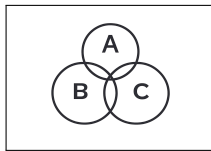


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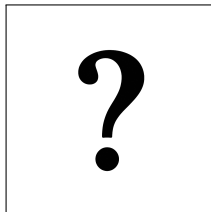
Factoring and Solving Factoring Formulas



$$x^6 - 4^6 = (x^3 - 4^3)(x^3 + 4^3) = (x^3 - 64)(x^3 + 64)$$



$$x^{2n} - a^{2n} = (x^n - a^n)(x^n + a^n)$$



$$x^{10} - 6^{10} = ?$$

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Factoring and Solving Factoring Formulas



$$x^{10} - 6^{10} = (x^5 - 6^5)(x^5 + 6^5) = (x^5 - 7,776)(x^5 + 7,776)$$