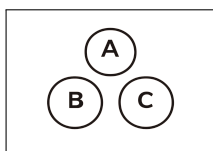


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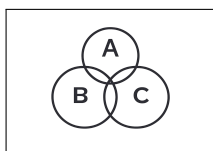
Factoring and Solving Factoring Formulas

E



$$(x + 5)^3 = x^3 + 3 \times 5 \times x^2 + 3 \times 5^2 \times x + 5^3$$

$$(x + 5)^3 = x^3 + 15x^2 + 75x + 125$$



$$(x + a)^3 = x^3 + 3ax^2 + 3a^2x + a^3$$



$$(x + 2)^3 = ?$$

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Factoring and Solving Factoring Formulas

E



$$(x + 2)^3 = x^3 + 3 \times 2 \times x^2 + 3 \times 2^2 \times x + 2^3$$

$$(x + 2)^3 = x^3 + 6x^2 + 12x + 8$$