

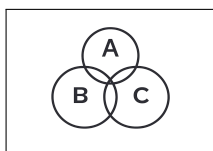
11

Factoring and Solving Factoring Formulas

D



$$(x + 4)(x + 5) = x^2 + (5 + 4)x + 4 \times 5 = x^2 + 9x + 20$$



$$(x + a)(x + b) = x^2 + (b + a)x + ab$$



$$(x + 10)(x + 20) = ?$$

11

Factoring and Solving Factoring Formulas

D



$$(x + 10)(x + 20) = x^2 + (20 + 10)x + 10 \times 20 = x^2 + 30x + 200$$