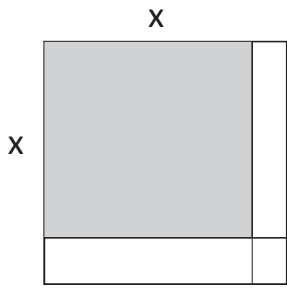
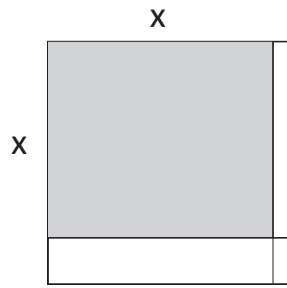


## Array for Quadratics: 5

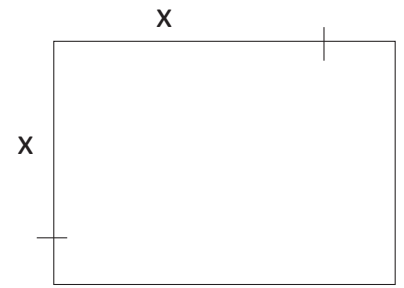
Complete the array diagram and factorise each quadratic.



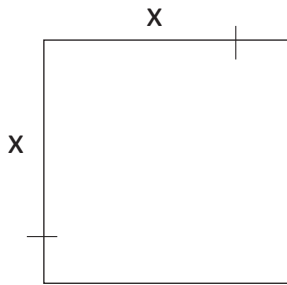
$$x^2 + 8x + 15 = (x + 3)(x + 5)$$



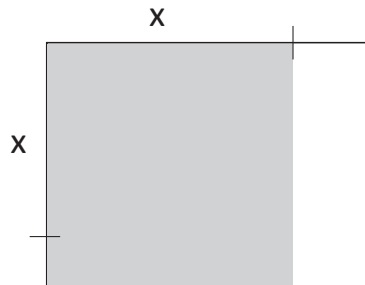
$$x^2 + 6x + 5 = (x + 1)(x + 5)$$



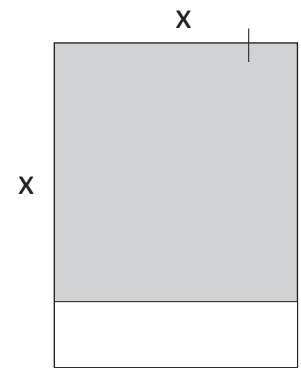
$$x^2 + 10x + 21 = (x + 3)(x + 7)$$



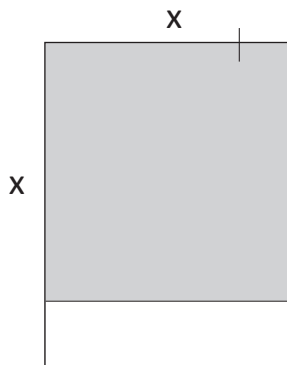
$$x^2 + 9x + 20 = (x + 4)(x + 5)$$



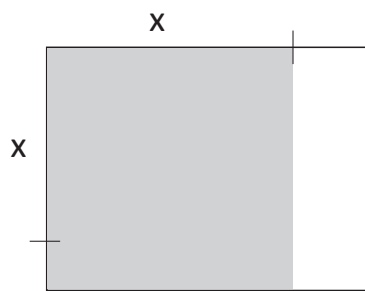
$$x^2 - 9x - 14 = (x + 2)(x - 14)$$



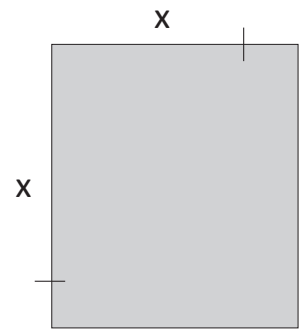
$$x^2 - 5x - 24 = (x + 3)(x - 24)$$



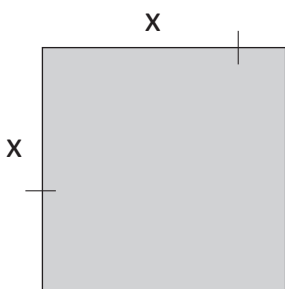
$$x^2 - 25 = (x + 5)(x - 5)$$



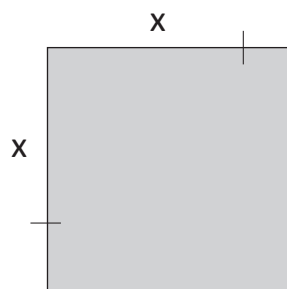
$$x^2 + 6x - 16 = (x + 8)(x - 2)$$



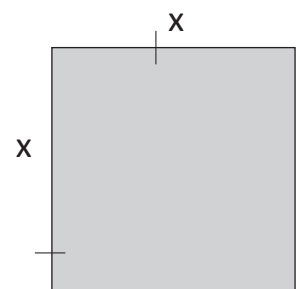
$$x^2 - 10x + 25 = (x - 5)(x - 5)$$



$$x^2 - 13x + 22 = (x - 11)(x - 2)$$



$$x^2 - 12x + 36 = (x - 6)^2$$



$$x^2 - 20x + 64 = (x - 16)(x - 4)$$