

- 1

$$x^2 + 11x + 30 = (x + 5)(x + 6)$$

- 2

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

- 3

$$x^2 + 13x + 42 = (x + 6)(x + 7)$$

- 4

$$x^2 + 10x + 16 = (x + 2)(x + 8)$$

- 5

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

- 6

$$x^2 - x - 42 = (x + 6)(x - 7)$$

- 7

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

- 8

$$x^2 - 12x + 32 = (x - 4)(x - 8)$$

- 9

$$x^2 + 6x + 9 = (x + 3)(x + 3)$$

- 10

$$x^2 - 8x + 16 = (x - 4)(x - 4)$$

- 11

$$x^2 + 18x + 81 = (x + 9)(x + 9)$$

- 12

$$x^2 + 14x + 49 = (x + 7)(x + 7)$$

- 13

$$x^2 + 9x + 8 = (x + 1)(x + 8)$$

- 14

$$x^2 + 4x - 5 = (x - 1)(x + 5)$$

- 15

$$x^2 - x - 2 = (x + 1)(x - 2)$$

- 16

$$x^2 - 5x - 50 = (x + 5)(x - 10)$$

- **17**

$$x^2 + 23x - 50 = (x - 2)(x + 25)$$

- **18**

$$x^2 - 3x - 18 = (x + 3)(x - 6)$$

- **19**

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

- **20**

$$x^2 - 3x + 2 = (x - 1)(x - 2)$$

- **21**

$$x^2 - 3x - 28 = (x + 4)(x - 7)$$

- **22**

$$x^2 - 5x - 14 = (x + 2)(x - 7)$$

- **23**

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

- **24**

$$x^2 - 14x - 51 = (x + 3)(x - 17)$$

- **25**

$$x^2 - 12x - 32 = (x - 4)(x - 8)$$