

Math worksheet

By Joshua Himmens, joshua.himmens@gmail.com

Factor completely:

$$x^2 - 6x - 40: \quad (x+4)(x-10) \quad x^2 - 19x + 90: \quad (x-10)(x-9)$$

$$x^2 - 4x - 21: \quad (x+3)(x-7) \quad x^2 + 12x + 32: \quad (x+8)(x+4)$$

$$x^2 - 9x + 20: \quad (x-4)(x-5) \quad x^2 - 4x - 12: \quad (x-6)(x+2)$$

$$x^2 + 3x - 4: \quad (x-1)(x+4) \quad x^2 + 13x + 40: \quad (x+5)(x+8)$$

$$x^2 - 5x + 4: \quad (x-4)(x-1) \quad x^2 + 8x - 9: \quad (x+9)(x-1)$$

$$x^2 - 4x + 3: \quad (x-3)(x-1) \quad x^2 - 1x - 56: \quad (x+7)(x-8)$$

$$x^2 + 6x - 40: \quad (x+10)(x-4) \quad x^2 - 1x - 6: \quad (x+2)(x-3)$$

$$x^2 - 12x + 20: \quad (x-2)(x-10) \quad x^2 - 3x - 70: \quad (x+7)(x-10)$$

$$x^2 - 1x - 2: \quad (x+1)(x-2) \quad x^2 - 13x + 36: \quad (x-9)(x-4)$$

$$x^2 + 10x + 24: \quad (x+4)(x+6) \quad x^2 + 6x - 16: \quad (x-2)(x+8)$$

$$x^2 + 5x - 6: \quad (x+6)(x-1) \quad x^2 - 36: \quad (x+6)(x-6)$$

$$x^2 - 16x + 64: \quad (x-8)(x-8) \quad x^2 - 3x - 28: \quad (x+4)(x-7)$$

$$x^2 - 13x + 40: \quad (x-8)(x-5) \quad x^2 + 18x + 80: \quad (x+10)(x+8)$$

$$x^2 - 13x + 42: \quad (x-6)(x-7) \quad x^2 + 5x - 50: \quad (x+10)(x-5)$$

$$x^2 + 12x + 32: \quad (x+8)(x+4) \quad x^2 - 4x + 4: \quad (x-2)(x-2)$$