

Math worksheet

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Factor completly:

$$x^2 + 9x + 14: \quad (x+7)(x+2) \qquad x^2 - 6x + 9: \quad (x-3)(x-3)$$

$$x^2 + 6x + 5: \quad (x+5)(x+1) \qquad x^2 - 8x + 15: \quad (x-3)(x-5)$$

$$x^2 + 9x + 20: \quad (x+4)(x+5) \qquad x^2 + 19x - 42: \quad (x+21)(x-2)$$

$$x^2 + 6x + 5: \quad (x+1)(x+5) \qquad x^2 + 34x + 288: \quad (x+16)(x+18)$$

$$x^2 + 9x + 14: \quad (x+7)(x+2) \qquad x^2 - 15x + 54: \quad (x-6)(x-9)$$

$$x^2 + 11x + 30: \quad (x+5)(x+6) \qquad x^2 - 15x + 54: \quad (x-6)(x-9)$$

$$x^2 + 9x + 8: \quad (x+1)(x+8) \qquad 2x^2 - 5x - 25: \quad (2x+5)(x-5)$$

$$x^2 + 3x + 2: \quad (x+1)(x+2) \qquad 8x^2 + 10x - 250: \quad (x-5)(4x+25)(2)$$

$$x^2 + 13x + 30: \quad (x+10)(x+3) \qquad 42x^2 + 135x + 75: \quad (2x+5)(7x+5)(3)$$

$$x^2 + 7x + 10: \quad (x+2)(x+5) \qquad 30x^2 + 72x - 54: \quad (5x-3)(x+3)(6)$$

$$x^2 + 12x - 13: \quad (x+13)(x-1) \qquad 12x^2 - 10x - 50: \quad (2x-5)(3x+5)(2)$$

$$x^2 + 18x - 63: \quad (x+21)(x-3) \qquad 12x^2 + 90x + 42: \quad (2x+1)(x+7)(6)$$

$$x^2 + 30x + 144: \quad (x+24)(x+6) \qquad 3x^2 + 17x + 20: \quad (x+4)(3x+5)$$

$$x^2 + 18x + 65: \quad (x+13)(x+5) \qquad 6x^2 + 56x + 18: \quad (3x+1)(x+9)(2)$$

$$x^2 + 41x + 420: \quad (x+21)(x+20) \qquad 4x^2 + 85x + 289: \quad (x+17)(4x+17)$$