

Math worksheet

By Joshua Himmens, joshua.himmens@gmail.com

Factor completly:

$$x^2 + 8x + 15: (x+3)(x+5) \qquad x^2 + 11x - 102: (x+17)(x-6)$$

$$x^2 + 11x + 28: (x+4)(x+7) \qquad x^2 + 21x + 54: (x+3)(x+18)$$

$$x^2 + 16x + 60: (x+10)(x+6) \qquad x^2 + 21x - 46: (x+23)(x-2)$$

$$x^2 + 10x + 24: (x+6)(x+4) \qquad x^2 + 39x + 360: (x+24)(x+15)$$

$$x^2 + 14x + 48: (x+8)(x+6) \qquad x^2 - 9x - 10: (x+1)(x-10)$$

$$x^2 + 10x + 16: (x+8)(x+2) \qquad x^2 - 9x - 10: (x+1)(x-10)$$

$$x^2 + 11x + 10: (x+10)(x+1) \qquad 15x^2 + 143x + 304: (3x+19)(5x+16)$$

$$x^2 + 13x + 40: (x+5)(x+8) \qquad 2x^2 + 13x + 18: (2x+9)(x+2)$$

$$x^2 + 13x + 36: (x+9)(x+4) \qquad 18x^2 - 12x - 16: (3x-4)(3x+2)(2)$$

$$x^2 + 10x + 16: (x+8)(x+2) \qquad 12x^2 + 97x + 195: (3x+13)(4x+15)$$

$$x^2 + 30x + 209: (x+19)(x+11) \qquad 30x^2 + 30x - 60: (x-1)(x+2)(30)$$

$$x^2 + 2x - 120: (x+12)(x-10) \qquad 7x^2 + 163x + 198: (7x+9)(x+22)$$

$$x^2 - 14x + 48: (x-6)(x-8) \qquad 12x^2 + 148x + 360: (3x+10)(x+9)(4)$$

$$x^2 - 7x - 30: (x-10)(x+3) \qquad 42x^2 + 222x + 216: (x+4)(7x+9)(6)$$

$$x^2 - 7x - 8: (x+1)(x-8) \qquad 28x^2 - 74x + 48: (2x-3)(7x-8)(2)$$