

Math worksheet

By Joshua Himmens, joshua.himmens@gmail.com

Factor completely:

$$1x^2 + 7x + 12: (1x+4)(1x+3) \qquad 1x^2 + 25x + 154: (1x+14)(1x+11)$$

$$1x^2 + 13x + 40: (1x+8)(1x+5) \qquad 1x^2 + 29x + 138: (1x+6)(1x+23)$$

$$1x^2 + 11x + 18: (1x+2)(1x+9) \qquad 1x^2 + 26x + 165: (1x+15)(1x+11)$$

$$1x^2 + 12x + 36: (1x+6)(1x+6) \qquad 1x^2 + 26x + 153: (1x+9)(1x+17)$$

$$1x^2 + 13x + 30: (1x+3)(1x+10) \qquad 1x^2 + 22x + 121: (1x+11)(1x+11)$$

$$1x^2 + 17x + 72: (1x+8)(1x+9) \qquad 1x^2 + 22x + 121: (1x+11)(1x+11)$$

$$1x^2 + 10x + 21: (1x+3)(1x+7) \qquad 42x^2 + 143x + 121: (7x+11)(6x+11)$$

$$1x^2 + 9x + 14: (1x+2)(1x+7) \qquad 6x^2 + 101x + 80: (6x+5)(1x+16)$$

$$1x^2 + 7x + 10: (1x+5)(1x+2) \qquad 7x^2 + 154x + 399: (1x+19)(7x+21)$$

$$1x^2 + 14x + 40: (1x+4)(1x+10) \qquad 42x^2 + 141x + 60: (7x+20)(6x+3)$$

$$1x^2 + 14x + 40: (1x+4)(1x+10) \qquad 1x^2 + 35x + 276: (1x+12)(1x+23)$$

$$1x^2 + 32x + 240: (1x+12)(1x+20) \qquad 20x^2 + 137x + 221: (5x+13)(4x+17)$$

$$1x^2 + 16x + 63: (1x+9)(1x+7) \qquad 18x^2 + 87x + 95: (3x+5)(6x+19)$$

$$1x^2 + 36x + 288: (1x+24)(1x+12) \qquad 21x^2 + 90x + 24: (7x+2)(3x+12)$$

$$1x^2 + 21x + 104: (1x+8)(1x+13) \qquad 20x^2 + 67x + 33: (4x+11)(5x+3)$$