

FACTORING PUZZLE 2

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|--|--|---|---|
| $x^2 + 21x + 108$ $(x + 16)(x - 9)$ $x^2 - 6x - 16$ | $x^2 - 17x + 70$ $(x - 7)(x - 1)$ $(x - 9)^2$ | $(x - 20)(x - 1)$ $(x + 2)(x - 14)$ $x^2 + 39x - 40$ | $(x + 2)(x - 19)$ $2x^2 + 14x + 24$ $x^2 - 3x - 70$ |
| $(x - 8)(x + 2)$ $3(x - 7)(x - 9)$ $x^2 + 7x - 60$ | $x^2 - 18x + 81$ $(x + 12)(x - 10)$ $x^2 + 22x - 75$ | $(x + 40)(x - 1)$ $4(x + 1)(x + 5)$ $x^2 + 20x + 51$ | $(x + 7)(x - 10)$ $2x^2 + 24x + 40$ $x^2 + x - 30$ |
| $(x - 5)(x + 12)$ $(x + 3)(x - 14)$ $(x - 6)(x - 8)$ | $(x + 25)(x - 3)$ $(x + 8)(x + 9)$ $3x^2 + 30x + 63$ | $(x + 17)(x + 3)$ $(x + 7)(x - 6)$ $3x^2 - 9x - 30$ | $(x - 5)(x + 6)$ $x^2 - 6x - 27$ $(x + 9)(x - 10)$ |
| $x^2 - 14x + 48$ $x^2 + 12x + 32$ $(x - 17)(x + 1)$ | $3(x + 7)(x + 3)$ $x^2 - 3x - 18$ $x^2 - 5x - 24$ | $3(x + 2)(x - 5)$ $(x + 4)(x + 30)$ $x^2 + 23x + 132$ | $x^2 - x - 90$ $x^2 + 20x + 75$ $(x + 2)(x - 1)$ |