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Gallery Walk problems

Factor

① $x^2 + 8x + 15$

② $x^2 - 8xy + 15y^2$

③ $x^2 + x - 42$

④ $2x^2 + 5x + 2$

⑤ $3x^2 - 5xy - 2$

⑥ $16x^2 - 25y^2$

⑦ $x^{16} - 9y^2$

⑧ $4y^{10} - 25$

⑨ $x^2 - 36$

⑩ $4x^2 - 25$

⑪ $5m^5n + 10m^3$

⑫ $11y^4 + 7y^3$

⑬ $9x^3 + 25x^7$

⑭ $8x^4y^2 - 24x^2y$

⑮ $2x^3y^2 + 6xy^3 + 8xy^2$