Factor Simple Quadratics

Grades 9-10 | Algebra | Developing

Learner: _____ Date: _____

Find two integers whose product is c and whose sum is b. Write each trinomial as two binomial factors.

x^2 + 7x + 12 _____

Work/check: _____

x^2 - 5x + 6 _____

Work/check: _____

x^2 + x - 12 _____

Work/check: _____

x^2 - 9 _____

Work/check: _____

x^2 + 9x + 20 _____

Work/check: _____

x^2 - 2x - 15 _____

Work/check: _____

Grown-up check: (x+3)(x+4); (x-2)(x-3); (x+4)(x-3); (x-3)(x+3); (x+4)(x+5); (x-5)(x+3).

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