

Factoring Quadratics

Date _____ Period _____

Factor each completely.

1) $n^2 + 4n - 45$

2) $x^2 + 5x - 6$

3) $7x^2 - 2x - 5$

4) $7x^2 - 13x + 6$

5) $6k^2 - 13k + 6$

6) $4n^2 + 4n - 3$

7) $k^2 - 15k + 50$

8) $x^2 + 8x + 15$

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Date _____ Period _____

Factor each completely.

1) $n^2 + 4n - 45$

$(n + 9)(n - 5)$

3) $7x^2 - 2x - 5$

$(7x + 5)(x - 1)$

5) $6k^2 - 13k + 6$

$(3k - 2)(2k - 3)$

7) $k^2 - 15k + 50$

$(k - 5)(k - 10)$

2) $x^2 + 5x - 6$

$(x - 1)(x + 6)$

4) $7x^2 - 13x + 6$

$(7x - 6)(x - 1)$

6) $4n^2 + 4n - 3$

$(2n - 1)(2n + 3)$

8) $x^2 + 8x + 15$

$(x + 5)(x + 3)$