

Homework #4a Factoring Trinomials

Date _____ 5K _____

Now you try! Factor using the steps from the above examples.

1) $5x^2 + 41x + 42$

2) $3n^2 - n - 10$

3) $9m^2 - 35m + 24$

4) $4n^2 + 9n + 5$

5) $n^2 + 13n + 42$

6) $n^2 + 11n + 10$

7) $8x^2 + 41x - 42$

8) $9n^2 - 43n + 28$

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Now you try! Factor using the steps from the above examples.

1) $5x^2 + 41x + 42$

$(5x + 6)(x + 7)$

2) $3n^2 - n - 10$

$(3n + 5)(n - 2)$

3) $9m^2 - 35m + 24$

$(m - 3)(9m - 8)$

4) $4n^2 + 9n + 5$

$(n + 1)(4n + 5)$

5) $n^2 + 13n + 42$

$(n + 6)(n + 7)$

6) $n^2 + 11n + 10$

$(n + 10)(n + 1)$

7) $8x^2 + 41x - 42$

$(x + 6)(8x - 7)$

8) $9n^2 - 43n + 28$

$(n - 4)(9n - 7)$