

Homework #6.4a Factoring Trinomials

Date _____

Now you try! Factor using the steps from the class notes.

1) $3n^2 + 11n - 20$

$$(3n - 4)(n + 5)$$

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

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