Algebra 2, Name_____

Factoring, "a" is greater than 1

Date_____

Factor each completely.

1) $7x^2 - 24x + 20$

$(7x - 10)(x - 2)$

2) $5b^2 + 8b - 4$

$(5b - 2)(b + 2)$

3) $3n^2 + 14n - 80$

$(3n - 10)(n + 8)$

4) $6m^2 - 43m + 7$

$(m - 7)(6m - 1)$

5) $6a^2 - 43a + 72$

$(3a - 8)(2a - 9)$

6) $9x^2 - 28x + 3$

$(x - 3)(9x - 1)$

7) $9x^2 + 65x + 66$

$(x + 6)(9x + 11)$

8) $6x^2 + 23x + 10$

$(3x + 10)(2x + 1)$

9) $9x^2 - 51x + 70$

$(3x - 7)(3x - 10)$

10) $8a^2 + 55a - 72$

$(a + 8)(8a - 9)$