

Extended Factoring Day 2

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Date_____ Period____

Factor each completely. Show all work.

1) $40p^2 - 92p - 168$

2) $20p^2 - 125p + 180$

3) $10b^2 + 11b - 8$

4) $9x^2 + 51x + 70$

5) $50m^2 - 335m - 105$

6) $45n^2 - 165n + 140$

7) $9x^2 + 32x + 15$

8) $9n^2 + 36n + 32$

Answers to Extended Factoring Day 2

1) $4(5p + 6)(2p - 7)$

2) $5(p - 4)(4p - 9)$

3) $(2b - 1)(5b + 8)$

4) $(3x + 7)(3x + 10)$

5) $5(m - 7)(10m + 3)$

6) $5(3n - 7)(3n - 4)$

7) $(x + 3)(9x + 5)$

8) $(3n + 4)(3n + 8)$