

Factoring- STATION 5

Date _____ Period _____

Factor each completely.

1) $35n^2 + 65n + 30$

2) $15x^2 + 48x + 36$

3) $7v^2 + 34v - 5$

4) $36r^2 + 36r - 280$

5) $50b^3 + 105b^2 - 50b$

6) $3x^4 - 5x^2 - 50$

7) $7a^4 + 72a^2 + 20$

8) $3x^4 + 11x^2 - 20$

9) $7x^5 - 43x^3 + 40x$

10) $7x^5 - 46x^3 + 24x$

Answers to Factoring- STATION 5 (ID: 1)

1) $5(7n + 6)(n + 1)$

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

9) $x(7x^2 - 8)(x^2 - 5)$

2) $3(5x + 6)(x + 2)$

6) $(3x^2 + 10)(x^2 - 5)$

10) $x(7x^2 - 4)(x^2 - 6)$

3) $(7v - 1)(v + 5)$

7) $(7a^2 + 2)(a^2 + 10)$

4) $4(3r - 7)(3r + 10)$

8) $(3x^2 - 4)(x^2 + 5)$