I can rewrite polynomials by factoring.
I can factor polynomials completely.

Alg1 Unit6 Notes7   A.SSE.2

I can rewrite polynomials by factoring.
I can factor polynomials completely.
Review of all Factoring – Factoring Completely
Factor each polynomial completely.

1. $5d^2 - 60d + 135$ 2. $2k^3 + 3k^2 + 6k + 9$

3. $4m^6 - 30m^5 + 36m^4$ 4. $3x^5 - 12x^3$

5. $4x^3 + 18x^2 + 20x$ 6. $4x^2 - 36$

7. $20x^2 + 45$ 8. $40a^3 - 60a^2 - 10a + 15$

Tell whether each polynomial is factored completely. If not, factor it.

1. $(2x + 3)(3x - 5)$ 2. $3x(9x^2 - 1)$

3. $2x(y^3 - 4y^2 + 5y)$ 4. $2y^2(4x^2 + 9)$