Polynomial Long Division

With Two or Three Different Variables

1. Divide $x^2 + 4xy + 4y^2$ by $x - 2y$

2. Divide $8x^3 - 27y^3$ by $2x - 3y$

3. Divide $81x^4 - y^4$ by $3x + y$

4. Divide $a^2 + 4b^2 + 9c^2 + 4ab - 12bc - 6ac$ by $a + 2b - 3c$

5. Divide $m^2 + 9n^2 - 25p^2 + 6mn$ by $m + 3n - 5p$