Name : _____

Polynomials - Multiple Response

1) Which of the following polynomials contain 2 terms?

   a) $6p^3q^2 - 7p^2$

   b) $-2b + 6c^3$

   c) $3uv + 6uv^2w$

   d) $-r^2 + 6r^3s$

   e) $-6n + n^{-2}$

   f) $a^3b - 7 - 8b^4c + abc + b^3$

2) Which of the following expressions are polynomials?

   a) $2v^3 + \dfrac{4}{u}$

   b) $n^2 - 7r^{-3} - q - 5$

   c) $-5m^2 + 6m^3n^2 + n^4$

   d) $x^2 - y^4z - 7x^3y - 6y$

       $rs^3t - 7r^3 - 2r^2s^2 - 5$

3) Identify the polynomia

   a) $2mn^3 - 6m^2 - 8m^3$

       $8v^4 + 7v^3 - 3v^2 - 9$

   d) $pq - 5q + 3$

       $m^2 - 3$

4) Which of the following

   a) $-2a^3 - b^{-4}$

       $\sqrt{d} + 4$

   d) $-5 - y^4z - z - y^3$

       $p^3 + 5q - r^2$

5) Identify the polynomia

   a) $5vw - w^3$

       $3xyz - 52 + 2yz$

   d) $q^4 - q^2 - 6$

   e) $-6x^4 - 3y^3$

   f) $7d - 6c^2d - 2bc - 9$

6) Identify the unlike terms.

   a) $-8cd$

   b) cd

   c) $-9c$

   d) $5d^2$

   e) -7

   f) $-2d$