

Polynomials - Multiple Response

1) Which of the following polynomials are not expressed in standard form?

a) $u^3v + 3w^3 - 5v^2$

b) $-pqr - 2 + q^3r$

c) $y + y^2$

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

e) $4abc - 2b^3c + 5c + 3$

f) $-n - m^3 - 2mn$

2) Which of the following polynomials contain 5 terms?

a) $m^2n + m^3 - n^2 + m^6n + n$

b) $-7c^2t + ct^3 - t + c^3$

c) $3b^3 - ab^2 + a + ab^4 - b^2$

d) $5d^5 + d^2$

$$4x + x^4 + x^2 + x + x^3$$

3) Which of the following

a) $-2s^5 - t^4 - 3tu^2 - 6$

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$$pqr - 4 - q^3r - r^2 + s$$

d) $4bcd - cd$

$$\frac{-t}{s} - 6 + s^7t$$

4) Identify the like terms.

a) $-uv^4w$

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$$-8uv$$

d) $7uvw^4$

$$-uv$$

5) Identify the algebraic e

a) $-a^2 + 5a^{-5}b - ab^3c -$

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$$-5c^3 + \frac{c}{d} + 5$$

d) $7u^5v - v^4w + \sqrt{6}$

e) $\sqrt{s} + 7$

f) $-3y^2z^4 + 9x - 8y^6$

6) Which of the following polynomials are expressed in standard form?

a) $p - 6q^7$

b) $u^2vw^3 - 7v^4w - 2uv^2$

c) $8xy - z^3$

d) $8s^2 - 27t^3 + 4$

e) $-9 + mn$

f) $4b^4 - 3c^3 + d$