Algebra 1: Ch. 9 Review

1. State the degree of each term.

$$4x^5y^3$$

2. Classify the expression (monomial, binomial, trinomial, polynomial, not a polynomial). Then state the degree of the polynomial.

8x3-2xvz

3. Write the polynomial in standard form. Then classify by its degree and number of terms.

4. Evaluate. * Where y=-2 (sorry, I left that out.) *

$$\mathbf{Y}^{5} - 2\mathbf{Y}^{3} - 7 = -32 + 16 - 7 = \begin{bmatrix} -23 \end{bmatrix}$$

5. Add.

6. Subtract.

7. Add.

$$(5x + y) + (4x + 2y)$$

$$(6x + y - 7) - (5x - y + 7)$$

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