

5.2 Quiz

Name: KEY

/7

Block: _____

1) Rewrite the following polynomial in proper form. [1]

$$5n - 9 + 2n^2$$

$$2n^2 + 5n - 9$$

2) Name each of the following polynomials both by degree AND number of terms: [2]

Monomial (a) $-5n^5 \rightarrow$

1 term, 5th degree

Trinomial (b) $3n + 7 - 2n^3 \rightarrow$ 3 terms, 3rd degree

3) Combine all like terms and rewrite in proper form. [2]

$$4n^2 + 1 - 3n - 3 + 5n - 2n^2$$

$$2n^2 - 4 + 2n$$

$$2n^2 + 2n - 4$$

4) Combine all like terms and rewrite in proper form. [2]

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

$$6ab - 4b^2 - 3a^2 - a$$