Name: _____ Date: _____

BLM 5–3

Section 5.1 Extra Practice

1. For each expression, state the
- number of terms
- type of polynomial

	Number of Terms	Type of Polynomial Monomial, Binomial, or Trinomial
a) $-2x^2$		
b) $a + b^2 + s$	3	
c) $y - 5$		
d) $3d^2 - 5xy$		
e) r		monomial
f) $b^2 - 2b + 7$		

2. For each expression, state the
- number of terms
- type of polynomial
- degree of the polynomial

	Number of Terms	Type of Polynomial	Degree of Polynomial
a) $6t$			
b) $x^2 + 3y - 2$			
c) $9 - r$			
d) $a - 2b + 4ab$			
e) $-cd$			
f) $5s^2 - st$			

3. For the polynomial $3a^2 - 4ac - 8$, state the following.

a) Number of terms _____

b) Coefficient of the 1st term _____

c) Coefficient of the 2nd term _____

d) Number of variables _____

e) Degree of polynomial _____

f) Constant term _____

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(continued)

4. For each polynomial,
- state the degree
- state the number of terms

	Degree of Polynomial	Number of Terms
a) $f + g + h$		
b) $m^2 - mn + n^2$		
c) $x - y$		
d) s^2		
e) 31		
f) $5d^2 + dh - 11h^2 + 3$		

5. Write the expression represented by each set of algebra tiles.

= positive 1-tile

= negative 1-tile

= positive x-tile

= negative x-tile

= positive x^2

= negative x^2

a) _____

b) _____

c) _____

d) _____

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