



ALGEBRAIC EXPRESSIONS

Name _____

Score _____

AE:05

Write the variables and constants used in each expression.

1) $a^2b - ab^2 + 5$

Variables : _____

Constants : _____

2) $18 + 2uv$

Variables : _____

Constants : _____

3) $4t^2 - 2 - 3t + 6$

Variables : _____

Constants : _____

4) $-9 + 3n + 7 - n$

Variables : _____

Constants : _____

Write the coefficient of each variable.

1) $17 - 4p + 6q$

Coefficient of p : _____

Coefficient of q : _____

2) $5c - d$

Coefficient of c : _____

Coefficient of d : _____

3) $4k^3 - k^2 + 2k - 7$

Coefficient of k^3 : _____

Coefficient of k^2 : _____

Coefficient of k : _____

4) $3xy^2 - 11x^2y - 9xy$

Coefficient of xy : _____

Coefficient of x^2 : _____

Coefficient of y^2 : _____



ALGEBRAIC EXPRESSIONS

Name _____

Score _____

Answer key

AE:05

Write the variables and constants used in each expression.

1) $a^2b - ab^2 + 5$

Variables : **a, b**

Constants : **5**

2) $18 + 2uv$

Variables : **u, v**

Constants : **18**

3) $4t^2 - 2 - 3t + 6$

Variables : **t**

Constants : **-2, 6**

4) $-9 + 3n + 7 - n$

Variables : **n**

Constants : **-9, 7**

Write the coefficient of each variable.

1) $17 - 4p + 6q$

Coefficient of p : **-4**

Coefficient of q : **6**

2) $5c - d$

Coefficient of c : **5**

Coefficient of d : **-1**

3) $4k^3 - k^2 + 2k - 7$

Coefficient of k^3 : **4**

Coefficient of k^2 : **-1**

Coefficient of k : **2**

4) $3xy^2 - 11x^2y - 9xy$

Coefficient of xy : **-9**

Coefficient of x^2 : **-11y**

Coefficient of y^2 : **3x**