



ALGEBRAIC EXPRESSIONS

Name _____

Score _____

AE:04

Write the variables and constants used in each expression.

1) $x + 3 - y + 4$

Variables : _____

Constants : _____

3) $15 + 4p - q + 3pqr - 1$

Variables : _____

Constants : _____

2) $m^2 - 6 + 2m$

Variables : _____

Constants : _____

4) $10a - 7$

Variables : _____

Constants : _____

Write the coefficient of each variable.

1) $2mn - 4m^2 + 7n^2 - 5$

Coefficient of m : _____

Coefficient of n^2 : _____

Coefficient of m^2 : _____

3) $14xy^3z - 3$

Coefficient of y^3 : _____

Coefficient of z : _____

2) $2b + 17c$

Coefficient of b : _____

Coefficient of c : _____

4) $10 + 8u - 5w + 6v$

Coefficient of u : _____

Coefficient of v : _____

Coefficient of w : _____



ALGEBRAIC EXPRESSIONS

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Answer key

AE:04

Write the variables and constants used in each expression.

1) $x + 3 - y + 4$

Variables : **x, y**

Constants : **3, 4**

3) $15 + 4p - q + 3pqr - 1$

Variables : **p, q, r**

Constants : **15, -1**

2) $m^2 - 6 + 2m$

Variables : **m**

Constants : **-6**

4) $10a - 7$

Variables : **a**

Constants : **-7**

Write the coefficient of each variable.

1) $2mn - 4m^2 + 7n^2 - 5$

Coefficient of m : **2n**

Coefficient of n^2 : **7**

Coefficient of m^2 : **-4**

3) $14xy^3z - 3$

Coefficient of y^3 : **14xz**

Coefficient of z : **14xy^3**

2) $2b + 17c$

Coefficient of b : **2**

Coefficient of c : **17**

4) $10 + 8u - 5w + 6v$

Coefficient of u : **8**

Coefficient of v : **6**

Coefficient of w : **-5**