Name: _____

Advanced

Equivalent Expressions

Combining Like Terms

Terms need to have same **variable** and **exponent** in order to be combined.

example: $8d^2 + 5d^3 - 4d^2 - 3d^3 + 2$

$8d^2 - 4d^2 \quad 5d^3 - 3d^3$

$4d^2 + 2d^3 + 2$

_____ _____

ⓒ $3g^3 + 7h - 2g^2 - 4h + 6g^3$

ⓓ $4y^2 - 6 - 8z + 7z^3 + 4 + 2y^2$

_____ _____

ⓔ $3e + 7d^3 + 2e^2 - 9 - 8e^2 + 4$

ⓕ $7k^2 + 4jk - 6 + 3k^3 + 2k^2 - 5jk$

_____ _____

ANSWER KEY

Advanced

Equivalent Expressions

Combining Like Terms

Terms need to have same **variable** and **exponent** in order to be combined.

example: $8d^2$ + $5d^3$ – $4d^2$ – $3d^3$ + 2

$3e - 6e^2 + 7d^3 - 5$

$9k^2 + 3k^3 - jk - 6$