

Algebra. Simplifying Expressions by Collecting/Combining Like Terms 3.

Date:

Name:

[a] $-4e^2 - 2e - 2e^2 - 8e$	[b] $-4e + 2s + e - 7s$
[c] $8y + 4g - 12y - 7g$	[d] $4u^2 + 4u - 2u^2 - 7u$
[p] $h^2 - 4h + 4h^2 + 2h$	[f] $9a^2 + 4a - 6a^2 - 4a$
[g] $6g^2 + 4g - 4g^2 + 2g$	[h] $4x - x^2 + 4x + 4x^2$
[i] $7a^2 - 6a + 2a^2 + 2a$	[k] $6c + 12e + 4c - 11e$

ANSWERS

[a] $-4e^2 - 2e - 2e^2 - 8e$ $-6e^2 - 10e$	[b] $-4e + 2s + e - 7s$ $-3e - 5s$
[c] $8y + 4g - 12y - 7g$ $-3g - 4y$	[d] $4u^2 + 4u - 2u^2 - 7u$ $2u^2 - 3u$
[p] $h^2 - 4h + 4h^2 + 2h$ $5h^2 - 2h$	[f] $9a^2 + 4a - 6a^2 - 4a$ $3a^2$
[g] $6g^2 + 4g - 4g^2 + 2g$ $2g^2 + 6g$	[h] $4x - x^2 + 4x + 4x^2$ $3x^2 + 8x$
[i] $7a^2 - 6a + 2a^2 + 2a$ $9a^2 - 4a$	[k] $6c + 12e + 4c - 11e$ $10c + e$