

Algebra. Simplifying Expressions by Collecting/Combining Like Terms 4.

Date:

Name:

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

ANSWERS

[a] $-4e^2 - 2e - 4e^2 - 8e - 9e^2 - 3e$ $-17e^2 - 13e$	[b] $-2e + 5s + e - 7s - 4e + 8s$ $-5e + 6s$
[c] $8y + 5g - 3y - 7g + 2g - 2y$ $3y$	[d] $11u^2 + 4u - 5u^2 - 2u$ $6u^2 + 2u$
[p] $2h^2 - 4h + 6h^2 + 2h - 4h^2 + 6h$ $4h^2 + 4h$	[f] $12a^2 + 2a - 6a^2 - 4a - 3a^2 - a$ $3a^2 - 3a$
[g] $6g^2 + 4g - 4g^2 + 2g - 2g^2 + 8g$ $14g$	[h] $4x - x^2 + 5x + 4x^2 + 4x - 8x^2$ $-5x^2 + 13x$
[i] $7a^2 - 6a + 2a^2 + 2a + 5a^2 - a$ $14a^2 - 5a$	[k] $6c + 12e + 4c - 11e + c - 3e$ $11c - 2e$