

Algebra. Simplifying Expressions by Collecting/Combining Like Terms 2.

Date:

Name:

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

ANSWERS

[a] $8a - 4b + 6a + 4b$ $14a$	[b] $2m + 6n - 5m + 8n$ $-3m + 14n$
[c] $12p + 5w + 4p - 7w$ $16p - 2w$	[d] $11y + 2x + 2y + 2x$ $4x + 13y$
[e] $12u - 4v + 12u + 7v$ $24u + 3v$	[f] $y + 6p + 2y + 2p$ $8p + 3p$
[g] $8a^2 - 4a + 2a^2 + a$ $10a^2 - 3a$	[h] $7x^2 - 4x + 6x^2 - 6x$ $13x^2 - 10x$
[i] $2k - 8k^2 + k - k^2$ $-10k^2 + 3k$	[k] $6u - 4v + 3u - 3v$ $9u - 7v$