Way Cool Algebra   <u>Double Cherries (1-11)</u>   Polynomial Terms

A Bowl Full of Cherries!

We can even sort the same kind of fruit into different types. We can separate a big bowl of cherries into single cherries and double cherries. Let "c" represent "single cherries" and let "c^2" represent "double cherries".

Simplify each expression by separating the double cherries 🍒 from the single cherries ◯.

1) $5c^2 - 15c - 3c^2 + 8c$	2) $3c^2 + c + 5c^2 + 28c$
3) $4c^2 + 7c + 9c^2 - c$	4) $14c + 7 + c^2 - 6c$ 5) $2c + 3c - 3 + 4c^2 + 10 - c$
6) $2c^2 + 30 - 3c^2 + 4c^2 - 14 - c$	7) $4c + 4c^2 - c^2 - 9 + 10 - c + 3c$ 8) $20 + 3c - 3c + 4c^2 + 10 - c^2$
9) $14 + 7a - 2 + 4a^2 + 9 - 18a^2$	10) $2b^2 - 5 + 2b + 10 - b^2$ 11) $5x^2 + 3x - 6x^2 + 4x^2 - 3x - 1$