

## Simplifying Quadratic Expressions (F)

Simplify each expression by combining like terms.

1.  $9s^2 + s^2 + 8s^2 - 5s + 5s + 6s - 6s^2 - 7s + 3s$

2.  $3h^2 + 6h^2 + 2 + 4h - 8h + 7h + 6h^2 - 3h - 1$

3.  $-4 - 7j^2 - 9j^2 + 7j + 1 - 2 + 6j + 2 - 2$

4.  $-9p + 3p^2 + 6p^2 + 9p^2 - 5p^2 + 5p - 5p - 8p + p$

5.  $-r^2 - 2 + 4r^2 + 6r^2 - 9 + 9r^2 + 6r + 4r^2 - 6r$

6.  $5v + 9v^2 + 7v + 8v + 4 + 2 - 3 - 8v + 8$

7.  $-5n - 8 + 2n^2 - 1 + 6n^2 + 2n - n + 7n^2 + 9n^2$

8.  $-9p^2 + p^2 - 9 + 4p - 1 + 8 - 2 + 2p^2 - 2p^2$

9.  $-9v + 6v^2 - 9v^2 - v + v^2 + 5 - 3v^2 + 6 - 3$

10.  $-r + 3 + 2r - 3r^2 + 8 - 9r^2 - 4r^2 + 8r + 4r^2$