

# Adding & Subtracting Linear Expressions (J)

Simplify each expression.

1.  $(-a - 7) + 4(4a - 8)$

2.  $-9(-8c + 9) + 3(3c + 2)$

3.  $(8p + 5) - (3p - 8)$

4.  $-2(6w - 8) - (-5w - 4)$

5.  $(-9p - 6) - 5(-5p)$

6.  $6(x + 4) - (-2x - 1)$

7.  $(-8n + 6) + 6(3n + 9)$

8.  $(5x - 8) - (x - 7)$

9.  $-9(f - 5) - 9(-2f - 6)$

10.  $(7w - 4) - (-w - 6)$

# Adding & Subtracting Linear Expressions (J) Answers

Simplify each expression.

1.  $(-a - 7) + 4(4a - 8)$

$15a - 39$

2.  $-9(-8c + 9) + 3(3c + 2)$

$81c - 75$

3.  $(8p + 5) - (3p - 8)$

$5p + 13$

4.  $-2(6w - 8) - (-5w - 4)$

$-7w + 20$

5.  $(-9p - 6) - 5(-5p)$

$16p - 6$

6.  $6(x + 4) - (-2x - 1)$

$8x + 25$

7.  $(-8n + 6) + 6(3n + 9)$

$10n + 60$

8.  $(5x - 8) - (x - 7)$

$4x - 1$

9.  $-9(f - 5) - 9(-2f - 6)$

$9f + 99$

10.  $(7w - 4) - (-w - 6)$

$8w + 2$