

Name : \_\_\_\_\_

## Simplifying Linear Expressions

ES3

Simplify each expression.

1)  $2k(14) + 7(2k) - 2$

2)  $12 + 4n + 5 - 2n - 10$

3)  $3a - 4 + 5a + 7 + 2(a + 1)$

4)  $3 + 2s - 4 + 3s$

5)  $7p - 6 + 8p$

$- 7)$

7)  $c + 6 + 4c -$

$m - 3 + 5m$

9)  $-86 - 2(11$

11)  $-20 + 5(7t - 2)$

12)  $4(3z + 5 + 7z) - 12$

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## Answer key

### Simplifying Linear Expressions

ES3

Simplify each expression.

1)  $2k(14) + 7(2k) - 2$

**$42k - 2$**

2)  $12 + 4n + 5 - 2n - 10$

**$2n + 7$**

3)  $3a - 4 + 5a + 7 + 2(a + 1)$

**$10a + 5$**

4)  $3 + 2s - 4 + 3s$

5)  $7p - 6 + 8p$

**$13p - 8$**

7)  $c + 6 + 4c$

**$5c + 7$**

9)  $-86 - 2(11)$

**$-2b - 60$**

11)  $-20 + 5(7t - 2)$

**$35t - 30$**

12)  $4(3z + 5 + 7z) - 12$

**$40z + 8$**

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