

Name : _____

Simplifying Linear Expressions

ES5

Simplify each expression.

1) $5(6 + 4t - 2) + 12t$

2) $9c + 3 + 13c - 4c + 4 - 24c$

3) $11(3k + 7 - 2k) - 4$

4) $7z + 8 + 5z - 5z - 9$

5) $-2y + 7 - 8$

$(5d)$

7) $12s - 8 + 2$

$n + 3 + 7n - 7$

9) $m + 2(3m -$

$- 11x$

11) $-32 - 8a + 12 - 2a - 4$

12) $15r - 9(r - 3)$

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Name : _____

Answer key

Simplifying Linear Expressions

ES5

Simplify each expression.

1) $5(6 + 4t - 2) + 12t$

$32t + 20$

2) $9c + 3 + 13c - 4c + 4 - 24c$

$-6c + 7$

3) $11(3k + 7 - 2k) - 4$

$11k + 73$

4) $7z + 8 + 5z - 5z - 9$

5) $-2y + 7 - 8$

$-21y + 17$

7) $12s - 8 + 2$

$9s + 3$

9) $m + 2(3m - 4)$

$7m - 12$

11) $-32 - 8a + 12 - 2a - 4$

$-10a - 24$

12) $15r - 9(r - 3)$

$6r + 27$

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