

# Simplifying Linear Expressions

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Simplify the following linear expressions.

1)  $7d + 5 - 9d + 4$

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2)  $15 - 5m - 2(8m + 3)$

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3)  $-2a + 4(6a - 9) - 12$

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4)  $10(-2n - 1 - 3n) + 6n + 14$

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5)  $8b - 4 + 3(5 - 9b)$

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6)  $-9 - 5(-7s + 10 + 6s) + 2$

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7)  $3(2 + 6q) - 11 + 5q$

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8)  $12 - 6(5y - 2) + 10y - 13$

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# Simplifying Linear Expressions

Answer key

Simplify the following linear expressions.

1)  $7d + 5 - 9d + 4$

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$$-2d + 9$$

2)  $15 - 5m - 2(8m + 3)$

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$$-21m + 9$$

3)  $-2a + 4(6a - 9) - 12$

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$$22a - 48$$

4)  $10(-2n - 1 - 3n) + 6n + 14$

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$$-44n + 4$$

5)  $8b - 4 + 3(5 - 9b)$

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$$-19b + 11$$

6)  $-9 - 5(-7s + 10 + 6s) + 2$

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$$5s - 57$$

7)  $3(2 + 6q) - 11 + 5q$

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$$23q - 5$$

8)  $12 - 6(5y - 2) + 10y - 13$

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$$-20y + 11$$