

Name : _____

Simplifying Linear Expressions

MS1

Simplify each expression.

1) $\frac{1}{2}(8x - 6 + 2x) + 10 + 2x$

2) $2(5a + 10) - 3(2a + 1) + 4(a + 5)$

3) $5(2s + 4 + 3s) - 4(s + 7) - 7(5s + 4 + 7) - 10 + 3n - 30$

5) $-3(4 + z) - 5(-4z + 7) - 2(3z + 1) + 21c + \frac{1}{2} + 21c$

7) $-60 + 4(5y - 3) - 2(4y + 7) - 6m + 2m - 8$

9) $\frac{5}{4}(8d - 16 + 4d) - 15 - d + 21$

10) $4(2p + 4 - 2p - 6) + 4(3p - 5)$

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