

Quiz 1.1-1.2 Simplifying Expressions & Solving Multi-Step Equations PRACTICE

Simplify each expression.

1) $a - 3 + 2a + 1$

2) $2x + \frac{5}{2} + 2$

3) $3(-2 - 3b)$

4) $-\frac{1}{2}\left(n - \frac{5}{3}\right)$

Solve each equation. Must show all work.

5) $2 = 1 - 2a + 3$

6) $\frac{22}{3} = -2x - \frac{7}{2}x$

7) $-3(3m + 2) = -33$

8) $-24 = -5(8p - 5) + 7(2 + 7p)$

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Simplify each expression.

1) $a - 3 + 2a + 1$
 $3a - 2$

2) $2x + \frac{5}{2} + 2$

$2x + \frac{9}{2}$

3) $3(-2 - 3b)$
 $-6 - 9b$

4) $-\frac{1}{2}\left(n - \frac{5}{3}\right) - \frac{1}{2}n + \frac{5}{6}$

Solve each equation. Must show all work.

5) $2 = 1 - 2a + 3$
 $\{1\}$

6) $\frac{22}{3} = -2x - \frac{7}{2}x$
 $\left\{-\frac{4}{3}\right\}$

7) $-3(3m + 2) = -33$
 $\{3\}$

8) $-24 = -5(8p - 5) + 7(2 + 7p)$
 $\{-7\}$