

Review: Solving Multiple-Step Equations

Solve & Check.

1) $7 - 9x = 10$

2) $16 = -12 + \frac{w}{2}$

3) $-\frac{2}{3}w - 7 = -10$

4) $3 = 3(1 - 2x)$

5) $\frac{3}{4}(4x + 8) = 16$

6) $-\frac{4}{3} = \frac{1}{2}(x - 3)$

7) $3 - 2(3 - x) = 5$

8) $2x - 3(x - 4) = 9$

Answers:

1) $x = -1/3$

2) $w = 56$

3) $w = 9/2$

4) $x = 0$

5) $x = 10/3$

6) $x = 1/3$

7) $x = 4$

8) $x = 3$