

Multiple-Step Equations Worksheet

A Low-Impact Alternative to Walking

Solve the following equations.

1. $4(x + 3) = 28$

6. $6\left(\frac{1}{t-1} + 1\right) = 6$

2. $2a + 3(a + 4) = 30$

7. $6\left(\frac{1}{t-1} + 1\right) = \frac{1}{6}$

3. $38 = -\frac{8}{5}(w + 2) - 2$

8. $[1 - 2|w^2| + 3(w - 1)] = w(5 + \frac{1}{w})$

4. $\frac{1}{8}(a + 18) = |-10|$

9. $8y + \frac{1}{4} = 5(\frac{y}{4} - 3)$

5. $\frac{3}{4}(b + 20) = 16$

10. $0.8[2(u - 3) - 4(1 - 2u)] = 5 - u$

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