

# Linear Equations Worksheet 1

1.  $48 + 6 \left( 44 + \frac{x}{3} \right) = 318$

2.  $23 + \frac{85}{2x + 9} = 28$

3.  $2 \left( \frac{x}{9} + 14 \right) - 26 = 4$

4.  $5 \left( 36 + \frac{x}{7} \right) - 9 = 176$

5.  $7(5(x + 32) + 38) = 1631$

6.  $5 + 3 \left( 50 - \frac{x}{5} \right) = 152$

7.  $\frac{1185}{7(42 - x) - 29} = 5$

8.  $4 \left( \frac{24 + x}{2} + 23 \right) = 144$

9.  $257 - 4(7 + 9x) = 13$

10.  $\frac{3(18 - x) + 3}{6} = 6$

11.  $2 \left( \frac{148}{x + 27} - 3 \right) = 2$

12.  $9(28 - 6(x - 7)) = 198$

13.  $3 \left( \frac{x + 23}{5} + 50 \right) = 165$

14.  $\frac{5(28 - x) + 15}{3} = 45$

15.  $3 \left( \frac{72}{x - 2} + 21 \right) = 90$

16.  $2 \left( 4 + \frac{27}{x} \right) - 4 = 10$