

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