

Linear Equations Worksheet 3

1. $9 \left(54 - \frac{78}{22 - x} \right) = 432$

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

3. $5 \left(\frac{235}{x + 45} + 45 \right) = 250$

4. $2 \left(44 - \frac{91}{x + 9} \right) = 74$

5. $5(8x + 11) + 49 = 344$

6. $188 - 3 \left(\frac{12}{x} + 49 \right) = 35$

7. $16 + \frac{125}{46 - 7x} = 21$

8. $9 \left(12 - \frac{x}{2} \right) + 34 = 106$

9. $34 + \frac{4x + 30}{2} = 63$

10. $4 \left(21 + \frac{x + 26}{3} \right) = 128$

11. $8 \left(10 + \frac{x + 38}{5} \right) = 152$

12. $\frac{78}{41 - 4x} + 8 = 14$

13. $9 \left(\frac{56}{21 + x} + 31 \right) = 297$

14. $2 \left(18 - \frac{x - 4}{2} \right) = 34$

15. $7(6(19 + x) + 30) = 1344$

16. $2(5 + 5(18 - x)) = 170$