# Linear Equation 1

1. $8\left(\frac{544}{x+53}-5\right)+77=101$

2. $\frac{1328}{32+6\left(115-5x\right)}=4$

3. $3\left(8\left(\frac{90}{x}-2\right)-30\right)=6$

4. $9\left(\frac{60}{x-8}-8\right)-15=3$

5. $63-8\left(\frac{44}{x-4}-2\right)=47$

6. $8\left(\frac{30}{x-9}-3\right)-12=12$

7. $3\left(95+10\left(16+5x\right)\right)=2415$

8. $\frac{210-2\left(216-10x\right)}{9}=2$

9. $380-10\left(2\left(x+16\right)-24\right)=20$

10. $3\left(5\left(82-\frac{x}{2}\right)+88\right)=1419$

11. $2717-4\left(56+10\left(58+x\right)\right)=13$

12. $6\left(2\left(43+\frac{x}{3}\right)+31\right)=750$

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13. $35 + 10\,(62 + 6\,(x + 84)) = 6115$

14. $4\left(7\left(\dfrac{112}{x} - 5\right) - 4\right) = 68$

15. $3\left(\dfrac{693}{112 - 5x} - 5\right) = 12$

16. $9\left(29 + 5\left(53 - \dfrac{60}{x}\right)\right) = 2421$

17. $9\left(3\left(\dfrac{20}{x} - 3\right) + 35\right) = 369$

18. $7\left(\dfrac{333}{x + 98} + 47\right) + 23 = 373$

19. $\dfrac{490}{3\,(90 - x) + 20} + 92 = 94$

20. $98 + 10\left(\dfrac{490}{x + 63} - 3\right) = 138$