

## Linear Equations Worksheet 2

1.  $6(18 + 2(x - 4)) = 168$

2.  $\frac{96}{328 - 6(x + 46)} = 6$

3.  $\frac{14 + 2(19 - x)}{2} = 21$

4.  $3\left(42 - \frac{x + 26}{4}\right) = 105$

5.  $8(8(x + 23) - 46) = 1232$

6.  $5\left(53 - \frac{100}{13 + x}\right) = 240$

7.  $\frac{245 - 7(34 - x)}{3} = 7$

8.  $\frac{47 + 3(x + 41)}{2} = 91$

9.  $7\left(\frac{54}{x} - 3\right) + 18 = 60$

10.  $509 - 6(9x + 45) = 23$

11.  $\frac{508}{22 + 7(22 - x)} = 4$

12.  $8\left(\frac{9}{x - 5} - 2\right) = 8$

13.  $25 + 2\left(19 - \frac{x}{5}\right) = 61$

14.  $428 - 9\left(\frac{x}{3} + 42\right) = 41$

15.  $7\left(25 + \frac{68}{44 - x}\right) = 189$

16.  $9(21 - 2x) - 46 = 53$