

Name: _____



Pre Algebra Equations

Unknown Variables: Solve the following equations using inverse operations. Show your work.

Solve for the variable.

1. $2 + \frac{4+y}{y \times 5} - 6 = -3.7$

2. $11 + \frac{12+y}{y \times 8} - 2 = 9.3$

3. $6 + \frac{6+y}{y \times 6} - 8 = -1.7$

4. $6 + \frac{4+y}{y \times 1} - 1 = 6.4$

5. $12 + \frac{6+y}{y \times 5} - 7 = 6.4$

6. $2 + \frac{8+y}{y \times 11} - 6 = -3.8$

7. $11 + \frac{4+y}{y \times 6} - 6 = 5.2$

8. $5 + \frac{8+y}{y \times 5} - 1 = 4.4$

9. $7 + \frac{12+y}{y \times 10} - 5 = 2.3$

10. $5 + \frac{9+y}{y \times 7} - 5 = 0.4$