

Review of Equations

Solve for x.

1. $5(x - 3) - (-2x - 18) = -5(x - 1)$

2. $\frac{3}{4}x - \frac{3}{5} = x - 2$

3. $-.3(x - 4) + x = 0.5(3 - x)$

4. $\frac{1}{9}(9a + 18) + \frac{1}{3}(6a + 3) = 3a + 3$

5. $-2(x - 4) + 3 = 2(4 - x) - (-5)$

6. $\frac{4(5 - x)}{3} = -x$

More fractions

7. $-4 + \frac{4}{11} \left(2 - \frac{5}{8} \right) =$

8. $\left(\frac{7}{8} + 2\frac{1}{5} \right) + 1\frac{1}{8} =$

9. $45 \left(\frac{7}{15} - \frac{4}{5} \right) =$

10. $\frac{3}{8} + 4 \left(1\frac{2}{5} \div \frac{14}{15} \right) =$

Answers: 1. $x = -\frac{1}{6}$ 2. $x = \frac{28}{5}$ 3. $x = 0.25$ 4. all numbers 5. no solution
6. $x = 20$ 7. $-3\frac{1}{2}$ 8. $4\frac{1}{5}$ 9. -15 10. $a = 6\frac{3}{8}$