

SOLVING EQUATIONS INVOLVING FRACTIONS

To solve equations, **“Whatever you do to one side of the equation, you must do to the other!”**

Goal: $x = \text{number}$

1. $\frac{m}{4} = -3$

2. $\frac{1}{4}x = 5$

3. $\frac{t}{-3} = 6$

4. $6 = \frac{3x}{4}$

5. $\frac{-2}{7}x = 6$

6. $-5 = \frac{x}{6}$

7. $\frac{m}{8} = -5$

8. $\frac{m}{3} = 2$

9. $\frac{3}{4}t = 9$

10. $6 = -\frac{3}{5}t$

Answers: 1) -12 2) 20 3) -18 4) 8 5) -21 6) -30 7) -40 8) 6 9) 12 10) -10