

Name : \_\_\_\_\_

## Multi-Step Equations: Fractions

Sheet 1

Solve each equation.

1)  $3\left(a - \frac{2}{3}\right) = \frac{3}{4}a + 2\frac{1}{4}$

2)  $\frac{z}{2} - \frac{3}{5} = -\frac{2}{3}z + \frac{1}{6}$

3)  $\frac{7}{4}x - 3 = 2 + \frac{9}{2}x$

4)  $\frac{3c + 8}{3} = \frac{1}{2} + \frac{c}{4}$

5)  $\frac{1}{3} - \frac{2}{9}m = 15 + m$

6)  $\frac{1}{2}(q + 1) = \frac{4}{3} - q$

7)  $\frac{1}{6}r + 2 = 4\frac{1}{9}r + \frac{8}{3}$

8)  $\frac{2}{3} - \frac{3}{2}y + \frac{1}{3}y + 4 = 0$