

Name: _____

Solving Equations – Worksheet #4

1. Solve the following equations. Show all of your work.

a) $\frac{2m}{3} = 8$

b) $\frac{r}{3} - \frac{r}{6} = 2$

c) $\frac{2x}{3} - 3 = \frac{x}{4}$

d) $\frac{12}{x} = -5 + 7$

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

f) $\frac{2x}{3} - 3x + 21 = 0$

$$g) \frac{2x}{5} + \frac{3}{4} = \frac{4x}{5} - \frac{1}{2}$$

$$h) \frac{10}{x} = -2$$

$$i) \frac{-21}{e} = 7$$

$$j) -6 = \frac{30}{n}$$

$$k) \frac{9}{-r} = 12$$

$$l) \frac{56}{x} = 64$$