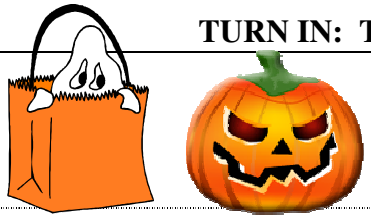
NAME: **TURN IN: TUES, 11/1**



Undoing Fractions in Equations

1. Solve the following algebra equations and show each step. All answers will be whole numbers.

a. $\frac{4}{3}x + 11 = 19$

b. $\frac{2}{7}x - 32 = -24$

c. $-6 = -\frac{8}{5}x + 26$

d. $-28 = -\frac{5}{6}x - 13$

e. $\frac{1}{3}(5x + 9) = 18$

f. $-36 = \frac{4}{5}(2x - 15)$

2. Solve the following algebra equations and show each step. Give answers as reduced fractions.

a. $-\frac{9}{4}x + 2 = -3$

b. $18 = \frac{3}{8}x + 16$

c. $\frac{9}{7}x - 11 = -5$

d. $\frac{3}{5}(2x + 15) = 24$

e. $-6 = \frac{2}{7}(6x - 14)$

f. $\frac{4}{9}(2x - 27) = -14$