

Name: _____

Date: _____

Linear Equations Worksheet

Solve each equation

1)

$$5(2a-3)-4= 3-7a$$

$$a = -\frac{22}{17}$$

2)

$$6(-x+2)= -4x-18$$

$$x = 15$$

3)

$$40= 5y+2(y-6)$$

$$y = -\frac{52}{7}$$

4)

$$9+4k= 3(2k+7)$$

$$k = -6$$

5)

$$-3(5-p)+2p= 4(p+1)-7$$

$$p = 12$$

6)

$$0.2z-0.5= 0.05z+3.5$$

$$z = -\frac{80}{3}$$

7)

$$3(4+2x)= 5-(x-1)$$

$$x = -\frac{6}{7}$$

8)

$$\frac{x}{6} + \frac{x}{4} = 5$$

$$x = 12$$