

Name - \_\_\_\_\_

Start time - \_\_\_ : \_\_\_

End time - \_\_\_ : \_\_\_

**Solve the following.**

1. For what value of the constant:

**k** does the line  $-4x + ky = 2$  pass through the point **(2,-3)**?2. What is the slope of the line with equation  $2x = -8$ ?3. Find the x and y intercepts of the line with equation  $x = -3$ ?4. Find the x and y intercepts of the line with equation  $3y - 6 = 3$ ?

5. What is the slope of a line parallel to the x axis?

6. What is the slope of a line perpendicular to the x axis?

7. Solve the following:

a.  $8(b+1)=-3(2=b)$

b.  $9+4t=-3(1-2t)$

c.  $-3y-1=1-7y$

d.  $G-5=8g+5$

e.  $6y-6=9y-3$

f.  $-7q+8=-8+3q$

g.  $-h=-3(3h+1)+1$

1

2

3

4

5

6

7

8

9