HW 10.5

Name: _____

Date _____

Directions: **For problems 1-10:** Find the x and y intercepts of the line. **Then** use the intercepts to graph each equation on the next page.

1.　　4y = 3x - 2

2.　　5y = x + 6

3.　　y = 7x + 3

4.　　2x + -8y = -10

5.　　3 = 7x + -5y

6.　　4x - 9y = 6

7.　　8y = 3x - 9

8.　　y = 3x − 8

9.　　y = x - 14

10.　　7y − x = - 12

1.

y-axis

x-axis

2.

y-axis

x-axis

4.

y-axis

x-axis

3.

y-axis

x-axis

6.

y-axis

x-axis
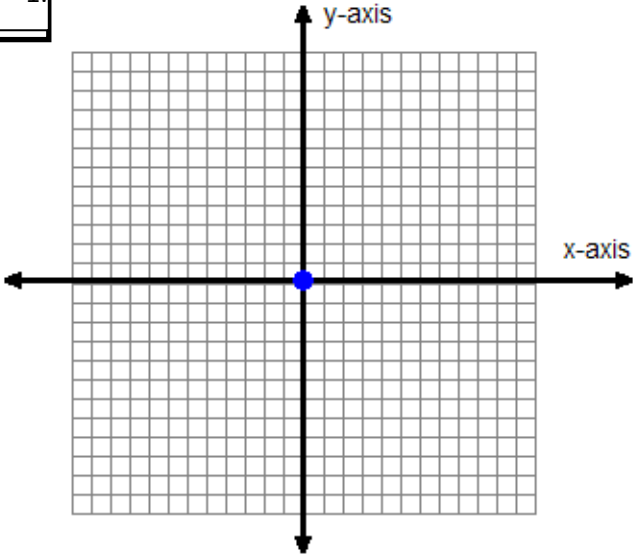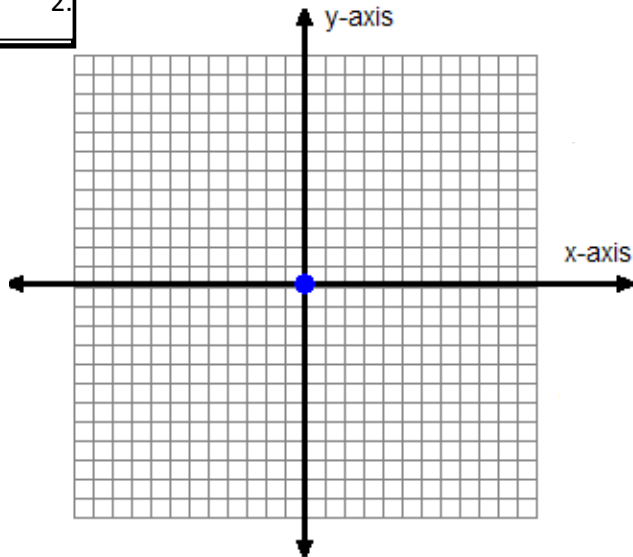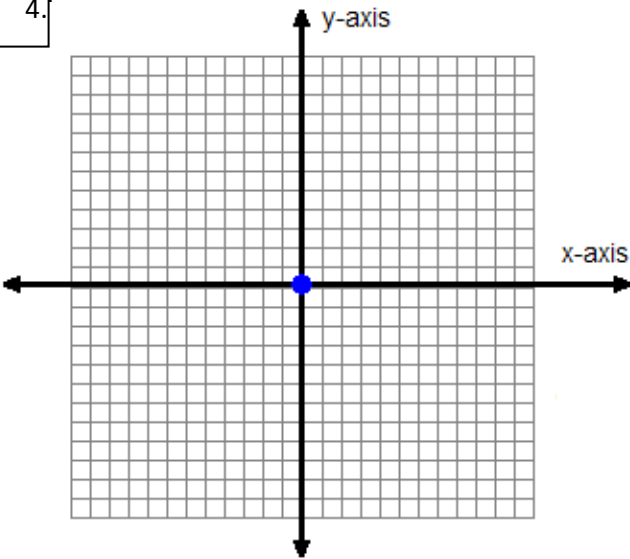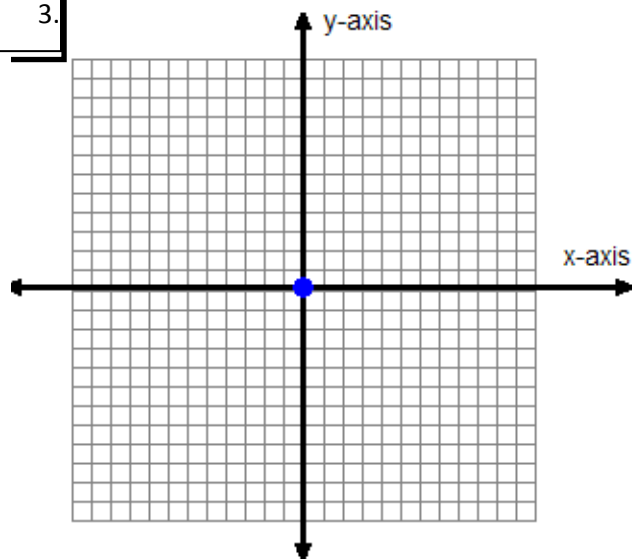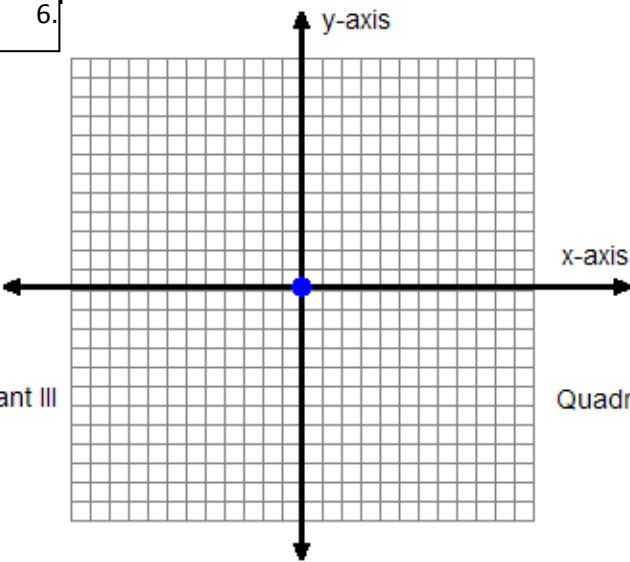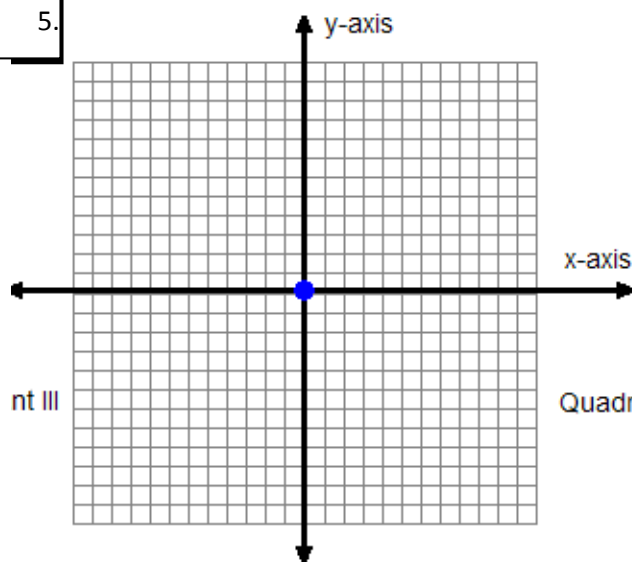
Quadrant III

Quadrant IV

5.

y-axis

x-axis

nt III

Quadrant IV

7.

y-axis

x-axis

8.

y-axis

x-axis

10

y-axis

Quadrant II

x-axis

9.

y-axis

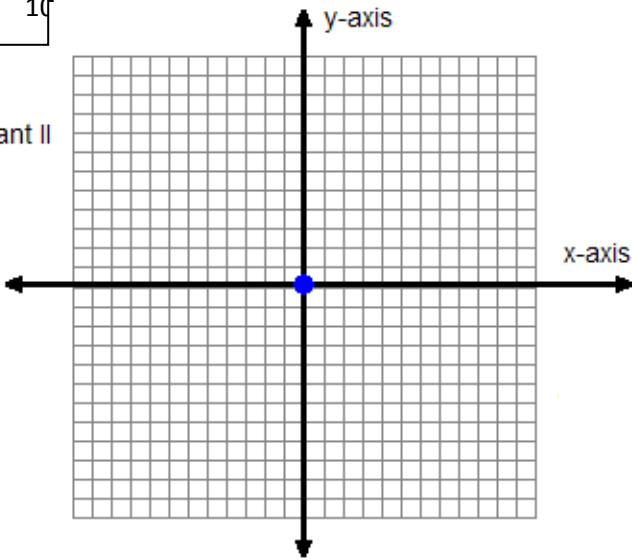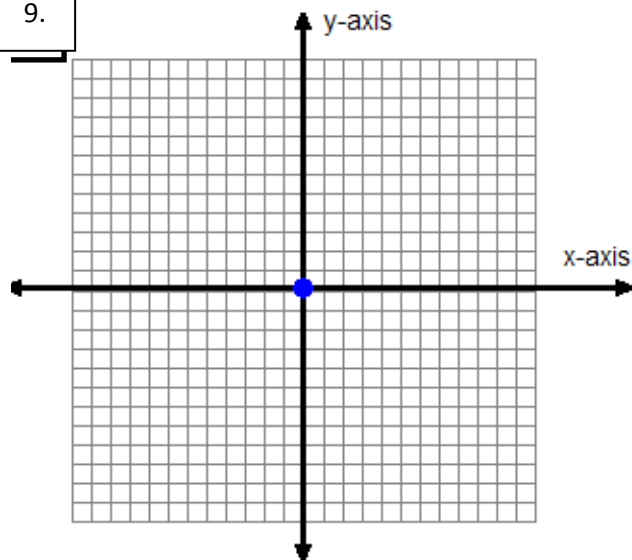x-axis
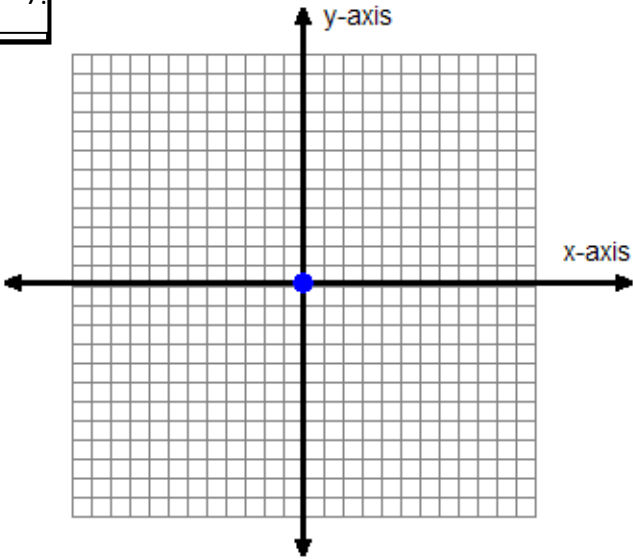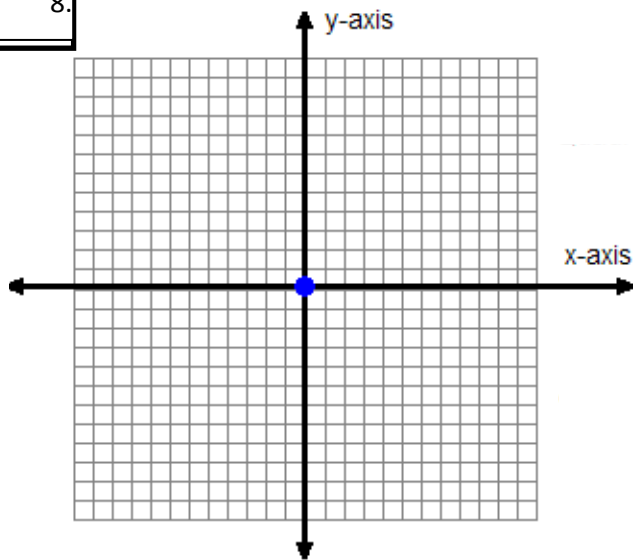
11. The sum of three consecutive odd numbers is 111. What is the smallest of the three numbers? **(Use 8 Steps to success)**

Name: _____   Date _____

Topic : Find the Intercepts - Worksheet 1 **ANSWERS**

1.   Y Intercept = (-6)
X Intercept = (2/3)

2.   Y Intercept = (6/5)
X Intercept = (-6)

3.   Y Intercept = (3)
X Intercept = (-3/7)

4.   Y Intercept = (10/8)
X Intercept = (-5)

5.   Y Intercept = (-3/5)
X Intercept = (3/7)

6.   Y Intercept = (-6/9)
X Intercept = (6/4)

7.   Y Intercept = (-9/8)
X Intercept = (3)

8.   Y Intercept = (-8)
X Intercept = (8/3)

9.   Y Intercept = (-14)
X Intercept = (14)

10.   Y Intercept = (12/7)
X Intercept = (-12)