Chapter 2 Matching Puzzle

1. The coordinate plane is divided into four sections called _

2. (-1, 7) lies on quadrant _

3. (-4, -10) lies on quadrant _

4. (99.3493480, -1) lies on quadrant _

5. (50, 0) lies on the

6. the sq rt of (x1-x2)^2+(y1-y2)^2

7. a^2+b^2=c^2

8. (x1+x2/2 , y1+y2/2)

9. symmetric with respect to the x-axis

10. symmetric with respect to the y-axis

11. symmetric with respect to the origin

12. To find the x-intercept of an equation...

13. To find the y-intercept of an equation..

14. To test for symmetry with respect to the x-axis...

15. To test for symmetry with respect to the y-axis...

16. To test for symmetry with respect to the origin...

17. x^2+y^2=1

18. ax^2+by^2+cs+dy+e=0

19. To go from the standard form of a circle to the general form...

20. steepness of a line

21. y2-y1/x2-x1

22. slope of horizontal line

23. slope of vertical line

24. Parallel lines have the _ slope

25. Perpendicular lines have slopes that are _

A. unit circle

B. (x,y) -> (-x,y)

C. slope

D. m = 0

E. quadrants

F. distance formula

G. (x,y) -> (-x,-y)

H. III

I. replace x with (-x)

J. undefined

K. IV

L. x-axis

M. replace x with -x, y with -y

N. same

O. set x=0 and solve for y

P. (x,y) -> (x,-y)

Q. slope formula

R. foil the equation

S. opposite reciprocals

T. set y=0 and solve for x

U. general form (circle)

V. Pythagorean Theorem

W. II

X. replace y with (-y)

Y. midpoint formula