



Draw carefully (using a compass if you have one) a circle tangent to the top, bottom, left, and right of the graph to the left. The circle should have a radius of 1 unit. Each box has a size of 0.1 by 0.1 unit. The center of this graph is the point (0,0). Put a visible dot at the center point.

Then, work the problems below. Give as many correct answers as you can to each problem.

As you work each problem, show the points (x,y) on the graph, and label them with the letter of the problem.

Answers should be given in radical form. Don't use a calculator.

	PROBLEM	WORK	ANSWER
A	If $x=1$ , find $y$ .		
B	If $x=3/5$ , find $y$ .		
C	If $x=(-4/5)$ find $y$		
D	If $x = 0$ , find $y$ .		
E	If $x = -1$ , find $y$ .		
F	If $x = 1.5$ , find $y$ .		
G	If $y = 0.8$ , find $x$ .		
H	If $x = -0.1$ , find $y$ .		
I	If $y = -1$ , find $x$ .		
K	If $y = -0.3$ , find $x$ .		
L	If $y = -(\sqrt{2})/2$ , find $x$ .		
M	If $y = 0.5$ , find $x$ .		
N	If $y = 0.5(\sqrt{3})$ , find $x$ .		