

Name: _____



Is Your Corral OK?

The corral problem: You need to build a corral for horses and cows so that they can exercise.

You have exactly **50 feet** of fencing to build the corral. The corral has to be rectangular in shape.

Find the length of the sides of the corral that will give you the greatest **AREA** for the horses to run in. (Use graph paper to solve this)

Use words and a diagram to explain your final answer. What was the shape of the corral?