

Math Puzzler #10

Due _____.

Name _____

Hour _____

Date _____

1) A square has perimeter 100 inches. A square piece is cut out of one of the corners. What is its perimeter now? Explain or draw a picture to show how you found your answer.

2) A banana farmer has six monkeys who hate each other. They must be kept in pens to separate them from the bananas as well as from each other.

The farmer has created six pens of equal size using 13 equal lengths of fencing. The pens are organized in a row.



Early one morning the farmer discovers someone has stolen one of the lengths of fencing.



How can the farmer reorganize the fencing to make six new pens of equal size with the 12 remaining lengths of fencing? Please draw the new fence arrangement below. Hint: use toothpicks to recreate the fences.