

**SHOW YOUR WORK!**

1. Anna made 36 jars of grape jelly and 48 jars of orange jelly. She is putting the jars into boxes. Each box will have only one kind of jelly. She wants to have the same number of jars in each box. What is the greatest number of jars of jelly she can have in a box?

Answer Statement:

2. Mrs. Evans has 90 crayons and 15 pieces of paper to give to her students. What is the largest number of students she can have in her class so that each student gets an equal number of crayons and an equal number of paper?

Answer Statement:

3. I am planting 32 apple trees and 40 peach trees. I want to plant them in rows with one type of tree in each row and also all the rows to have the same number of trees.  
What is the greatest number of trees I can plant in each row?

Answer Statement:

**Challenge:**

Ribbon wands are made from strips of ribbon tied to sticks. Connie has 84 feet of red ribbon, 48 feet of blue ribbon, and 72 feet of white ribbon. She wants to cut the ribbons into equal lengths that are as long as possible so that no ribbon is wasted.

PART A: Explain how to find the length of the pieces Connie will cut.

PART B: Find the length of each piece.

PART C: How many piece of each color will she have?