Activity Sheet

You are making a Jingle Dress for a doll with rows of jingles around the skirt. Each row is to have the same number of jingles and since the doll is short there must be fewer than 10 rows of jingles.

a. Suppose you have 69 jingles. How many rows of jingles can you make? How many jingles are in each row? Is there more than one possibility? Describe all that you can find.

b. Suppose you lose a jingle so now you only have 68. How many rows of jingles can you make? How many jingles are in each row? Is there more than one possibility? Describe all that you can find.

c. Suppose you lose another jingle so now you only have 67. How many rows of jingles can you make? How many jingles are in each row? Are there any other possibilities? Why or why not? Explain.

d. Suppose you start with 60 jingles. How many rows of jingles can you make? How many jingles are in each row? Are there any other possibilities?

e. You want to make a jingle dress that has 5 rows and no more than 12 jingles per row. What are some possibilities for the number of jingles in total that you will need?