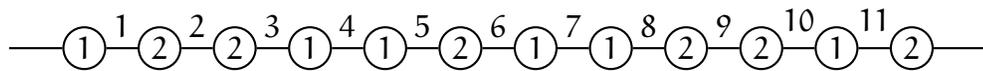# Math589 Homework 12

Note: To submit the k-th homework, simply put your files in the folder `HWk` on CoCalc, and it will be collected on the due day.

1. Consider the necklace as shown below. Find two cuts so that it can be distributed to two people evenly.

Solution. For example, you may cut at positions 4 and 10.

2. Suppose you are given a necklace with two kinds of stones on it. Give an algorithm to find two cuts on it so that it can be distributed to two people evenly. (Open answer.)

   Solution. Open answer.