

























**Number of barrels that will roll to the left side**

**Number of barrels that will roll to the right side**

**Look at all the barrels on top of the mountain! It looks like they're all going to come down! I wonder what different groups they'll roll down into. How many ways can you come up with?**

I came up with these 11 combinations. How many did you come up with?



	+				+	
	+				+	
	+				+	
	+				+	
	+				+	
	+				+	

How many ways could you find for the barrels to roll if there were 16 barrels at the top of the mountain?