

Name:

Comparing Experimental and Theoretical Probabilities

You will need this sheet, coloured candy, two cups, and something to write with. Conduct the experiment, and *then* you can eat your candy! Watch this video by **MashUp Math** for instructions! [▶ PROBABILITY MODEL MATH ACTIVITY!](#)

		Cup 2			
Cup 1					

1. Based on the table above:

What was the **theoretical** probability of pulling a pink and a yellow?

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2. Randomly pull from your cups 12 times without looking:

What was the **experimental** probability of pulling a pink and a yellow?

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