



Algebra II Journal
Module 6: Conditional Probability
Prize Winner, Part 1

This journal belongs to:

Module 6: Conditional Probability

Algebra II Journal: Reflection 1

Respond to the following reflection questions and submit to your teacher.

Determine the probability of winning a large prize.

Determine the probability of winning a large prize, if the popped pink balloon is replaced.

Compare the two probabilities above. Which provides the gamer with a better chance of winning a large prize?

Module 6: Conditional Probability

Algebra II Journal: Reflection 2

Respond to the following reflection question and submit to your teacher.

Design a game that Khalid, Justyce, Andrew, Marissa and Allyson can use at the community fair.

Design the game such that the gamer must complete two dependent events in order to win a prize. Justify that the events are dependent by calculating at least two different conditional probabilities.