

HOMWORK

VEGAS HOMEWORK

Answer the following questions after doing the activity in class.

- 1) Hilary says that when 2 dice are tossed, the chance of getting a 7 is 3 out of 7 or 42.8%. Explain (in paragraph form with 2-4 sentences) why Hilary is either right or wrong.

- 2) From the chart below, tell who had an experimental probability closest to the theoretical probability? What is their combined experimental probability? Use decimals and give answers to the nearest thousandth.

Fran	237 heads	459 tosses
Jessie	293 heads	560 tosses
Paula	171 heads	354 tosses

- 3) A traffic engineer observed that in one hour 26 cars, 12 busses and 15 trucks drove down a street.
 - a) What is the probability that the next vehicle to use the street is a car?

 - b) That it is not a car?

 - c) Is this an example of theoretical or experimental probability? Why?