

probability as a fraction.

13

37

25

1. P(NHS but not HOSA) 🔁

34

2. P(Neither HOSA nor NHS) = $\frac{34}{705}$ 3. P(HOSA and NHS) = $\frac{13}{705}$ 4. P(not NHS) = $\frac{59}{705}$





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Is this Experimental or Theoretical Probability?

A survey of people's favorite fruit was conducted. The results are shown below. Find each probability as a fraction



 $\frac{107}{550} = \frac{X}{75}$ $p(Bananas) = \frac{107}{550} = 19.45!.$ = .1945(75)

When you roll a pair of dice:

How many different sums are possible when you roll a pair of dice?

Which sum do you think is least likely to occur?

2 212

Which sum do you think is most likely to occur? Something near the middle

Probability Experiment:

Probability of getting a certain sum when rolling a pair of dice.

- Work in pairs.
- Your pair will roll two dice a total of 50 times and record the sum each time.
- Use your results to answer the following probability questions as a percent (nearest tenth):
 - P(rolling a sum of 9) =
 - P(rolling a sum of 3) =
 - P(rolling a sum of 7) =
- Record your results after the 50 rolls on the Promethean board.