

BERNOULLI TRIALS

- 4 A coin is tossed four times.
- (a) Would the list of outcomes represent a Bernoulli trial?
 - (b) If the possible outcomes are recorded as H (heads) or T (tails), list all possible sets of outcomes with at least three heads.
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- 5 Two standard dice are rolled together and the sum of the numbers rolled is noted. The result is recorded as either 7 or not 7.
- (a) Does this experiment represent a Bernoulli trial?
 - (b) If p is the probability of a sum of 7, find the value of p .
 - (c) In 36 rolls of the dice, how many times would you expect the sum to be 7?