

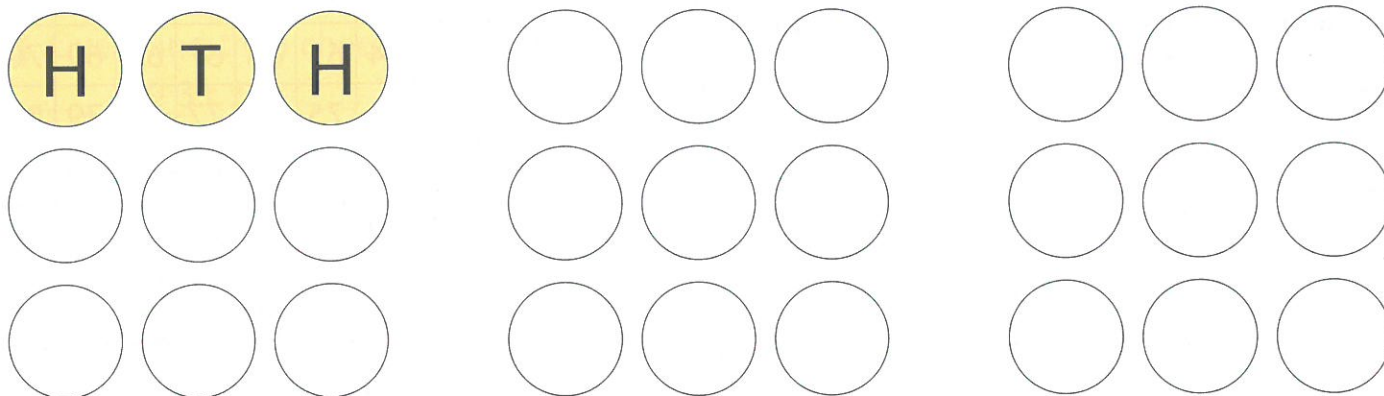
8 Jack said there were only two ways that a set of two coins could land.

- a Do you agree with Jack? _____
- b Sketch all the possible combinations of tossing two coins. Note that the coins are always read from left to right. Some outlines of pairs of coin sets have been provided for you. You may not need them all.



9 Sarah said there are six ways a set of 3 coins can land.

- a Do you agree with Sarah? _____
- b Sketch all possible combinations of tossing three coins. Note that coins are always read from left to right. Some sets of outlines of three coins have been provided below. You may not need them all.



10 Madison said that heads will always come up more than tails if you toss a coin 100 times.

- a Do you agree with Madison? _____

Joe did not agree with Madison and tossed a coin 100 times to see if she was correct. He sketched his result.

- b Toss a coin 100 times to see if Madison is correct. Record your results in a tally.

- c Do you think the 100-toss data sample is more accurate than a toss of 10? _____
- d Why? _____