

Chance – coin investigation

When you toss a coin, you call out heads or tails.
There are two sides and two different possible results.
That means there is an equal chance of landing on
heads as there is on tails.



Tails



Heads

- 1** For this experiment, you will toss a coin 20 times and record your results.
First, predict your results:

a How many times do you think the coin will land on heads? _____

b How many times do you think the coin will land on tails? _____

c Now toss a coin 20 times and record your results below. Write H for heads and T for tails.

○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

- 2** Repeat the above experiment.

a Toss a coin 20 times and record your results:

○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

b What happened?
Fill in this table to
show the results.

Number of times the coin landed on heads and tails		
	H	T
Experiment 1		
Experiment 2		

c If your results changed, why do you think this is?