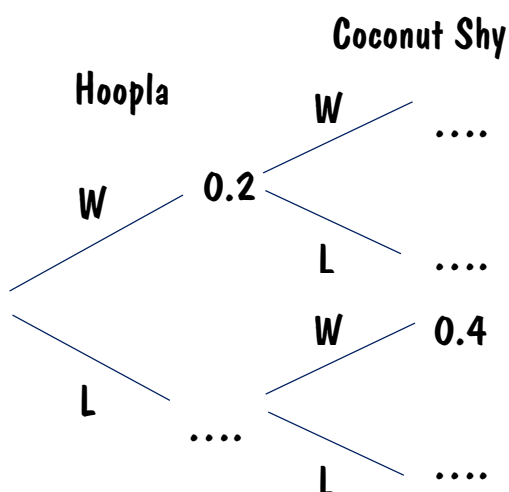# Starting Six

---

List the first 5 square numbers

List the first 5 multiples of 6

I biased coin is flipped, the probability of heads is 0.3

What is the probability it lands on a tail?

Complete the probability tree

Hoopla

Coconut Shy

W

W — 0.2

W .....

L .....

W 0.4

L

.....

L .....

Complete the Venn Diagram

A   B

1

Set A: First 6 prime numbers
Set B: Factors of 36

In bag A there are 3 red and 4 blue counters.
In bag B there are 2 red and 7 blue counters.

What is the probability that I take a red counter from both bags at random?

Complete the frequency tree

A — 17

Male — 39

B — .....

100

A — .....

Female

.....

B — 32

What is the probability a female chose option A?

Score _____ / 6

Starting Six

List the first 5 square numbers
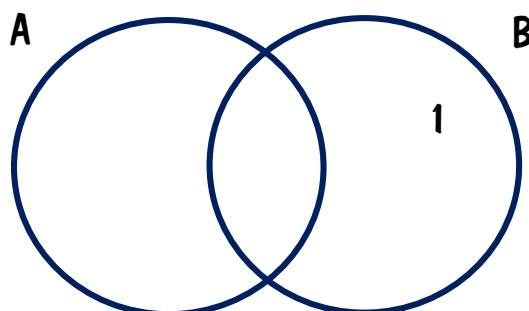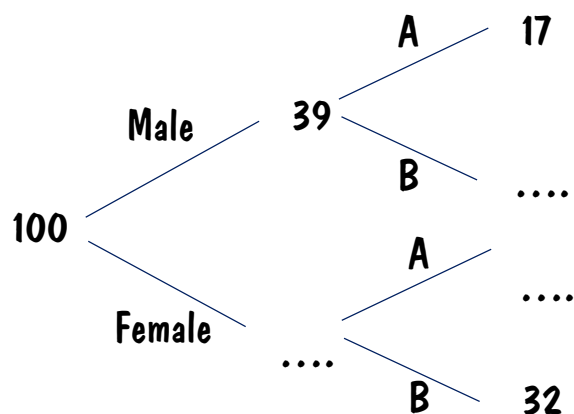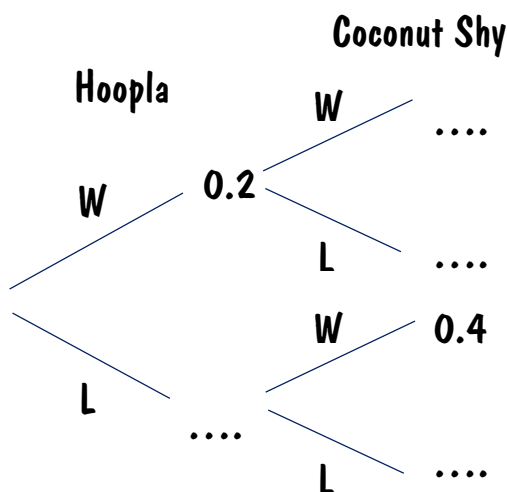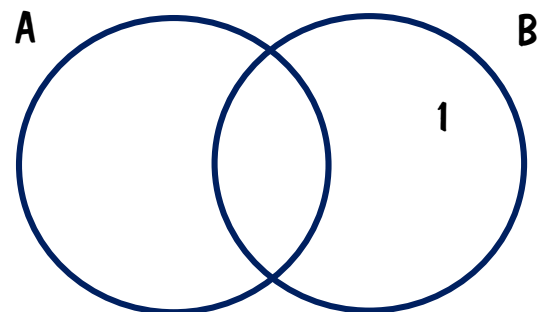
List the first 5 multiples of 6

I biased coin is flipped, the probability of heads is 0.3

What is the probability it lands on a tail?

Complete the probability tree

Coconut Shy

Hoopla

W
    ....

W   0.2

    L
        ....

    W   0.4

L
    ....

    L   ....

Complete the Venn Diagram
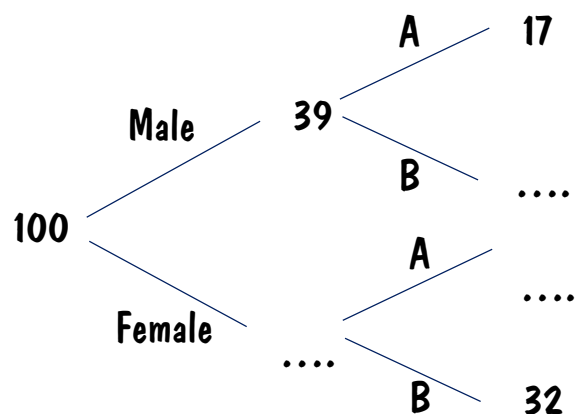
A   B

                1

Set A: First 6 prime numbers
Set B: Factors of 36

In bag A there are 3 red and 4 blue counters.
In bag B there are 2 red and 7 blue counters.

What is the probability that I take a red counter from both bags at random?

Complete the frequency tree

                    A   17

Male   39

                    B   ....

100

                    A   ....

Female

        ....   B   32

What is the probability a female chose option A?

Score _____ / 6