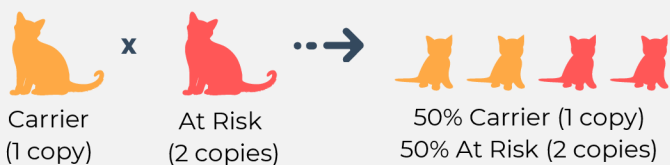
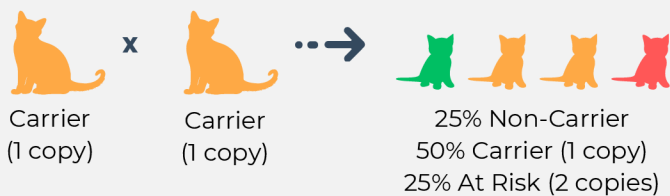
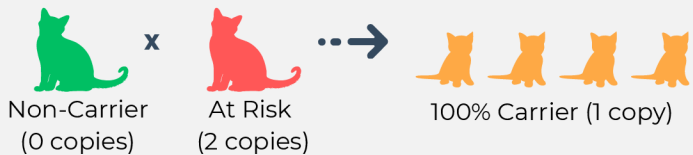
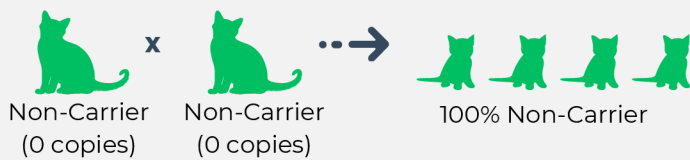


Modes of Inheritance

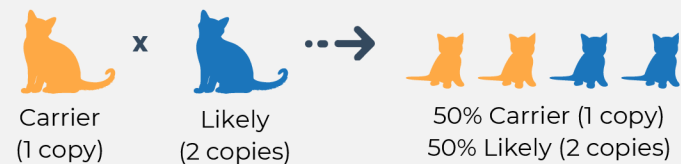
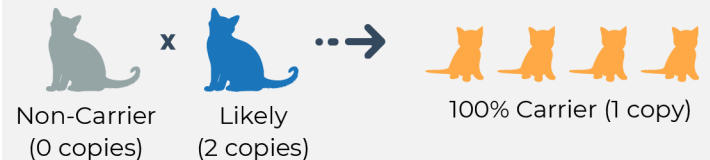
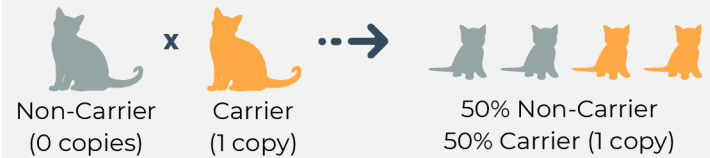
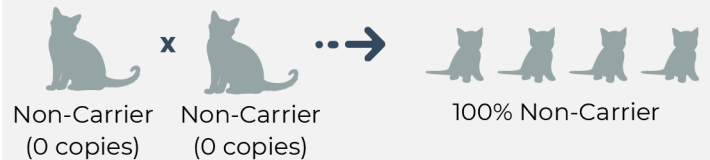
Autosomal Recessive

A cat must inherit two copies of the mutation (one from each parent) to develop the disease or trait.

A recessive disease :



A recessive trait :

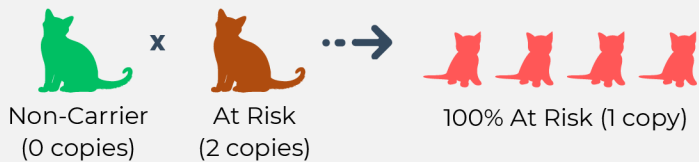
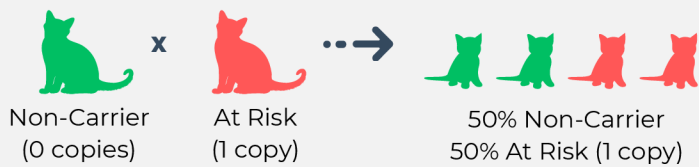
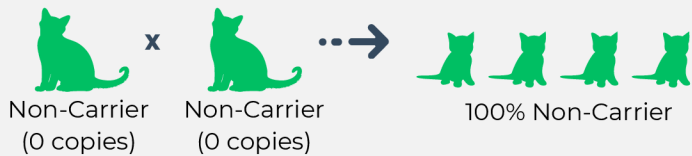


Modes of Inheritance

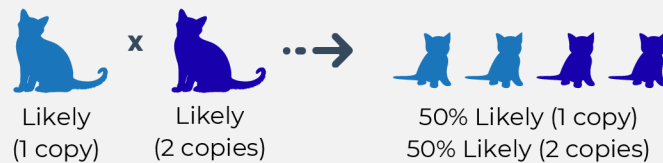
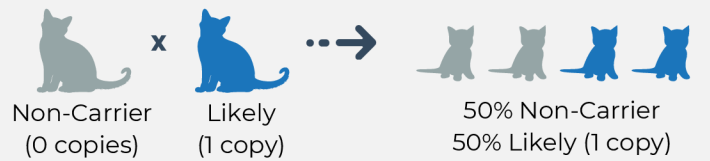
Autosomal Dominant

A cat that inherits only one copy of the mutation can already develop the disease or trait.

A dominant disease :



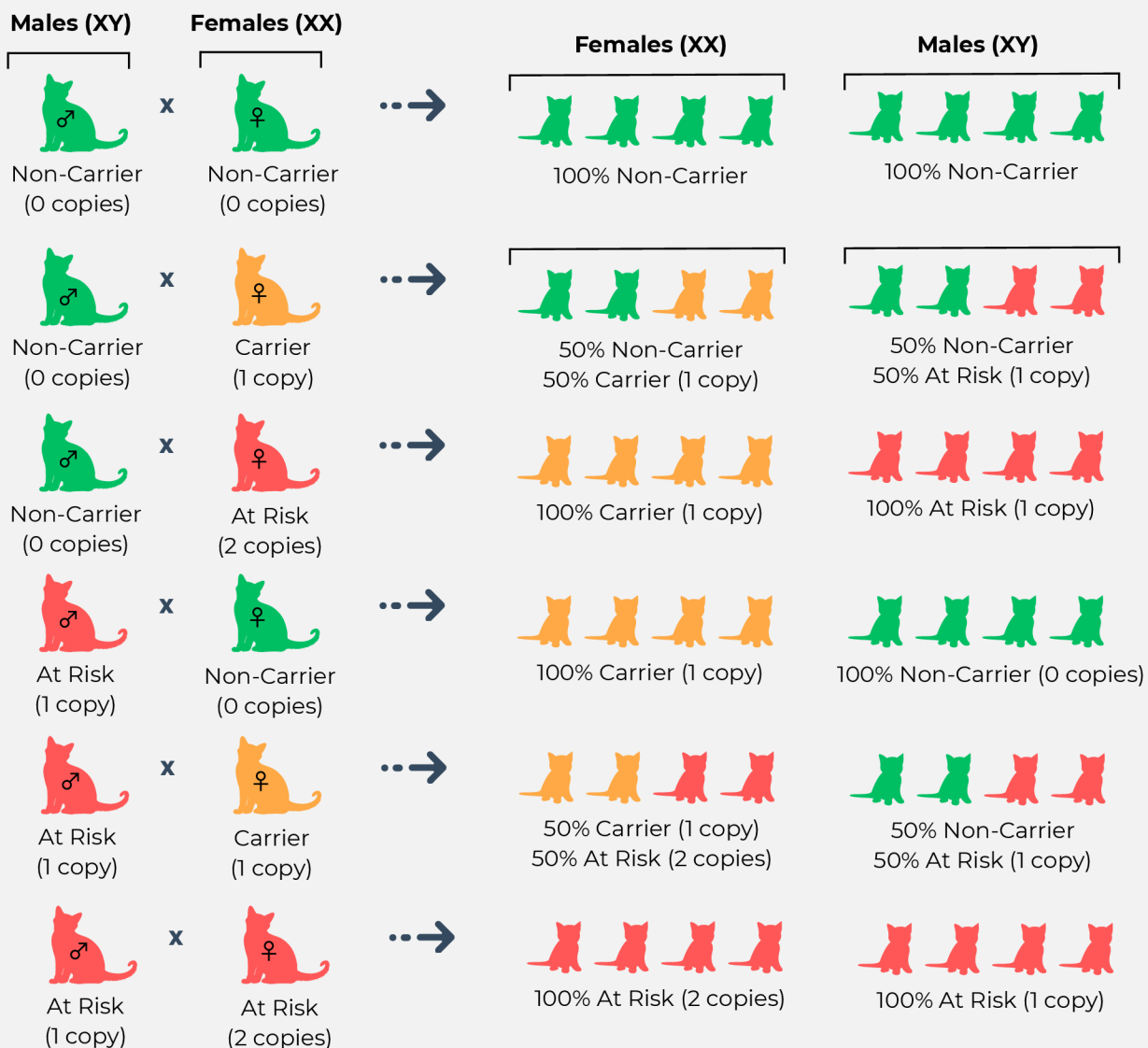
A dominant trait :



Modes of Inheritance

X-Linked Recessive

In this mode, the mutation is located on the X chromosome. Males, who have only one X chromosome, are more frequently affected, while females must possess two copies of the mutation to be affected. Females with only one copy can be carriers without developing the disease or trait.



Modes of Inheritance

X-linked Dominant

A cat that inherits only one copy of the mutation can already develop the disease.

