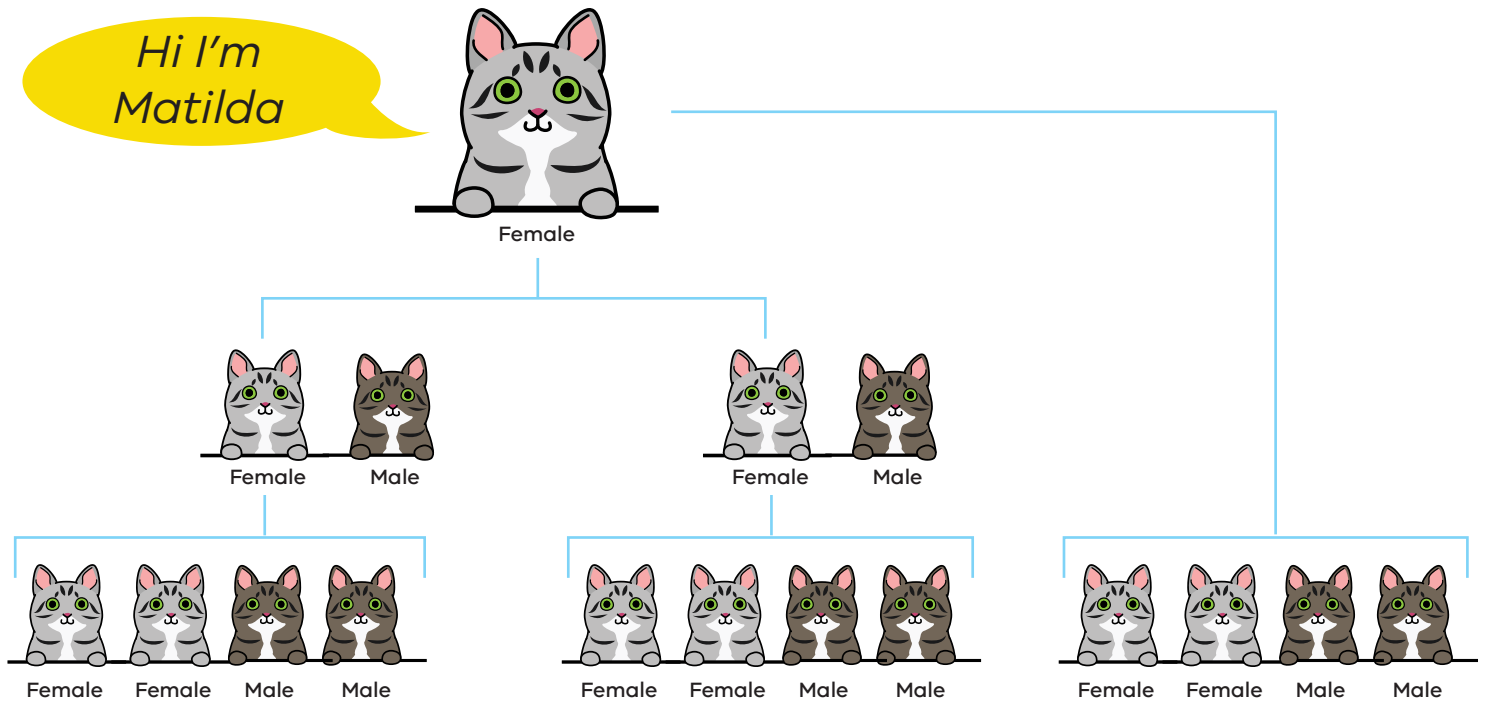


Victor and Victoria's How quickly can Matilda's cat family grow?



Female cats can have a litter before they are one year old.

Let's say that each female cat can have a litter of 2 females and 2 male kittens a year for 5 years.

Can you calculate how many cats would be in Matilda's family after 5 years?

You may wish to draw a diagram or make a model that helps show your answer.

Present your result to the rest of your class.

Before you start, write your guess down here

Extension Activity One

How big would Matilda's family grow in 7 years instead of 5?

Before you start, write your guess down here

Extension Activity Two

How big would Matilda's family grow in 5 years if she had 4 females and 4 males every year?

Before you start, write your guess down here

Helpful Hints

Don't forget that the female cats from the previous years will still be having kittens. You must count all of the cats and their litters. from the previous years into the total.