

Spay and Neuter Math Facts

Spaying and neutering your pets is very important to help reduce the pet-overpopulation problem in the Valley. How important is it?

A female and male cat can produce two litters each year. There are usually 3 kittens in each litter that will grow up to be adult cats. How many cats is that in four years? **Do the math problems below – and find out!**

Let's get started with the male and female: Year 1

If a male and female Cat are not spayed and neutered they will have two litters one year, and each litter has 3 kittens, how many cats at the end of the year?

___ 8 Cats

___ 6 Cats

___ 10 Cats

But if the new Kittens don't get spayed or neutered - they will start having Kittens, too: Year 2

Now the Kittens from the first year are all ready to have Kittens. How many will we have?

If you have ___ Cats, divide that by two. That is the number of pairs of Cats that can have Kittens. Multiple that number by 2 litters per year. Then, multiple that number by 3 Kittens per litter. That equals the number of Kittens that will be born. Now, add the number of Kittens to the number of Cats you started with, ___ Cats.

Cats plus Kittens: C + K = answer

How many Cats do we have now?

___ 36

___ 32

___ 24



An average cat has 1-8 kittens per litter, and 2-3 litters per year. During her productive life, one female cat could have more than 100 kittens.

Spay and Neuter Math Facts Continued

There are still more Kittens to come: Year 3

Now the Kittens from the first and second years are all ready to have Kittens. How many will we have?

If you have ____ Cats, divide that by two. That is the number of pairs of Cats that can have Kittens. Multiple that number by 2 litters per year. Then, multiple that number by 3 Kittens per litter. That equals the number of Kittens that will be born. Now, add the number of Kittens to the number of Cats you started with, ____ Cats.

Cats plus Kittens: $C + K = \text{answer}$

How many Cats do we have now?

____ 120

____ 128

____ 132

You're almost finished: Year 4

Now the Kittens from the first, second and third years are all ready to have Kittens. How many will we have at the end of the fourth year?

If you have ____ Cats, divide that by two. That is the number of pairs of Cats that can have Kittens. Multiple that number by 2 litters per year. Then, multiple that number by 3 Kittens per litter. That equals the number of Kittens that will be born. Now, add the number of Kittens to the number of Cats you started with, ____ Cats.

Cats plus Kittens: $C + K = \text{answer}$

How many Cats do we have now?

____ 512 Cats

____ 521 Cats

____ 501 Cats

That's ____ more cats that could be without homes in our community. This is why it is important to spay and neuter your pets! If your pet needs to be spayed or neutered, the Valley Animal Center has a low-cost clinic that can help you.



Valley Animal Center
Low-Cost Spay/Neuter/Vaccination Clinic
Open Seven Days a Week, 10 am – 4:30 pm
Call 559-233-8554 for more information