## THE RESULTS DF

## Dur Super

 AWESDME PET SURVEyMiss Kelly's Third Graders
Lake Sybelia Elementary School

## There are 529 families

in the LSE community and 235 families responded to our pet survey. That's $44 \%$ !


## 68\%

## of lake Sybelia families* have pets.

## There are 485 pets in our school community.

My favorite statistic of the pet survey was that out of the 485 pets in our school community, $7 \%$ of them are binds.

That's equivalent to 35 binds!

## If we had a pet show at Lake Sybelia,

 $31 \%$ of the contestants in the show would be fish!
## At Lake Sybelia

 Elementary, $4 \%$ of the pets are rodents.
## THERE ARE 169 DOGS WISE FTHIIIES.

And only 82 cats!


## Of the people at LSE who have pets, $33 \%$ of them

 have dogs.


Out of all the families AT LIE THAT HAVE PETS, $33 \%$ HAVE DOGS AND $31 \%$ HAVE FISH.

## OF THE 44\% OF PEOPLE AT LSE WHO

 RESPONDED TO OUR SURUEY, ALMOST THE SAME AMOUNT HAS DOGS AS HAD FISH.

## 17\% of the pets in the Lake Sybelia community are cats!

## That's 82 cats!

Besides common pets, (like dogs, cats, snakes, and rodents), in the $\downarrow \delta \varepsilon$ community of pets, you can also find...
... a pig.
... hermit crabs.
... a gecko.
... rabbits.
... chickens.
... one reptile egg.
... a bearded dragon.

This survey was completed by a group of curious third graders in April \& May of 2019.
It began - as many great things do - with one, simple question.
These fabulous third graders read an article about two professional organizations who tried to find out how many pets there are in the United States. In the article, the author shared that those two organizations came up with very different numbers. It turns out that finding out how many pets there are in the United States is a challenge, even for professionals!

This group of curious kids decided to try to find out how many pets there are in our school! (Well, not IN our school, but in our school community. You get the idea.)

We generated and improved questions.
We designed and tested survey.
We asked for help to send the survey home to 529 students.
Then, we waited for the results to come in. We didn't have to wait long. 235 responses came back, each with at least 9 pieces of data on it.

We designed a system for collecting the data - with checks, double-checks, \& triple-checks. We "swam around" in data. We tried on percentages. We considered fractions.
We solved problems. We discovered mysteries. We worked in teams.
Our final answer? There are 485 pets in our school community.


We now understand why it was hard for the professionals to come up with a reliable answer. We now understand how powerful one, simple question can be.


# @misskellylse 

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