










Santa Fe Animal Shelter¹

By Rae Sue Vigil



Santa Fe Animal Shelter is dedicated to helping support animals, saving lives and spreading compassion. The shelter takes in many different types of animals of all ages. It does not kill animals unless they are very sick. When you visit the shelter you will find a variety of dogs and cats, but you may also see rabbits, ferrets, guinea pigs, turtles, snakes and sometimes gold fish! Last year the shelter took in 5,000 animals or about 14 animals every day.

Suppose your home is the drop off place for stray or lost animals. On Monday you get a knock at the door and 5 dogs, 3 cats, and 2 bunnies are dropped off. On Tuesday, 8 cats, 3 dogs and 1 bunny are dropped off. Wednesday morning, 6 dogs, 1 cat, 2 hamsters, and 1 Guinea pig are dropped off. Thursday morning 8 dogs, 2 cats, 1 goldfish and 3 snakes get dropped off. Your Friday is really busy with 9 dogs, 4 cats, 1 bunny, 2 ferrets, and 1 bowl with 4 goldfish get dropped off. Complete the table to figure out how many animals you took in altogether during the 5 days.

Animals	Tally marks for Number of Animals Dropped Off	Number of Animals Dropped Off
 dog		
 cat		
 bunny		
 ferret		
 guinea pig		
 hamster		
 _snake		
 goldfish		
 turtle		

What was the total number of animals that were dropped off in all 5 days?

Which two types of animals were dropped off the most?

¹ Suggested Grades: 2 – 4 Skills: Tally items, complete a table, compare numbers in the table, add integers, write a multiplication problem with whole numbers, time, & number line

Which two types of animals were dropped off the least?

Which type of animals had the same number dropped off at your house?

How many more dogs than cats were dropped off?



The Shelter helps to keep the animal population down by neutering any animal that is adopted. So animals adopted from the Shelter cannot have babies.

Assume you are an owner of a dog that has not been neutered. Dogs can give birth to 2 litters a year. If your dog had 5 puppies every litter and 2 litters a year, complete the table showing how many puppies your dog would have in the number of years shown in the 1st column.

Years	Write a Multiplication Problem to Solve for the Total Number of Puppies each Year
1	
2	
3	
4	
5	
6	
7	

How many puppies would your dog have given birth to in 7 years?

Thomas loves dogs and wants to volunteer to help the shelter walk dogs. The shelter walks dogs in the morning for 10 minutes. Thomas is able to go in to walk dogs on Monday mornings from 9:10 to 9:50.

How many dogs will enjoy a walk with Thomas on Monday mornings? Use a number line showing time from 9:00 to 10:00 and show the times he will walk different dogs.

One day, Thomas comes back to the shelter in the afternoon to walk more dogs. He finishes walking the dogs at 2:10 and he walked dogs for the same amount of time as he does on Monday mornings. What time did Thomas start walking dogs this afternoon?