1st Basic

2nd Advanced

Helping With Math

USA GRADES

Addition of 2-digit Numbers

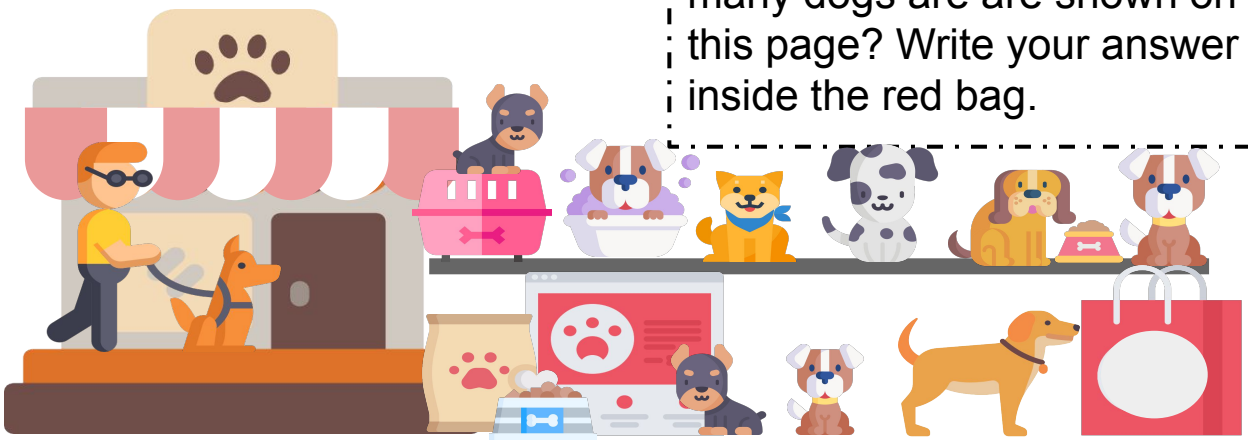
Suitable for students **aged 5-7**

This pack is suitable for learners aged 5 - 7 years old or 1st to 2nd graders (USA). The content covers fact files and relevant basic and advanced activities involving addition of two-digit numbers.

Did you know what is celebrated in the month of April that includes animals? Correct! It is Prevention of Cruelty to Animals Month! Join us as we support this event through different activities!

PREVENTION OF CRUELTY TO ANIMALS MONTH

Every two-digit number has two places. If we have **15**, the place of the digit in the right, which is "5," is called **ones place**. On the other side, the digit on the left is called **tens place** where you can find "1." Now, How many dogs are are shown on this page? Write your answer inside the red bag.

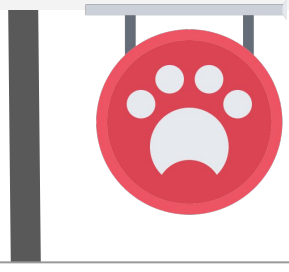


Do you think it is a two-digit number, yes or no?

ADDITION OF 2-DIGIT NUMBERS

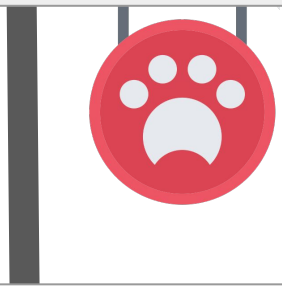
RECALL:
Addition is the process of finding the total sum of two or more numbers or things.

In adding 2-digit numbers, arrange the numbers vertically. If we have 25 and 14, it will be:



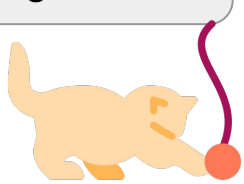
Place the ones and tens of the two addends aligned with each other.

Start solving from the ones column to the tens column.



Since 6 plus 7 is 13. Looking at it, 1 is in the tens place and 3 is in the ones place. So, we have to carry the one above the tens column then put the 3 below the ones column.

Now, add all the numbers in tens column. Then, we get 43.



WITHOUT REGROUPING

Tens	Ones	
2	5	These are called addends.
+ 1	4	
3	9	→ This is called sum.

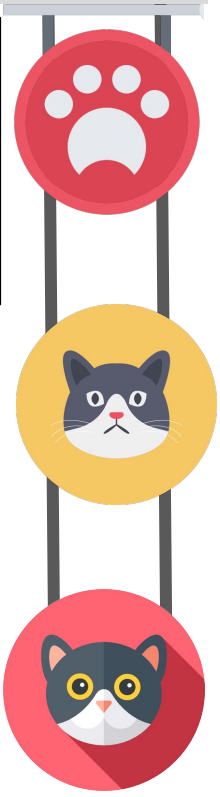
WITH REGROUPING

LET'S TRY THIS TOO!

	Tens	Ones	
	1		
	2	6	13
+	1	7	
	4	3	

ADDITION OF 2-DIGIT NUMBERS

We use addition of 2-digit numbers everywhere. When we want to know the total number of toys that we have, we add them. If we ride a bus, we add the money in our pocket before paying for bus fare! When we take a walk and see different animals, we sum them up to know their total count!



When we add 43 and 25, we get...

43	+	25	=	68

When we add 73 and 17, we get...

73	+	17	=	90

What is 38 added to 12?

If the sum in the ones column is 20 and above, we no longer say “**CARRY ONE”;** instead, we say **“CARRY TWO”.**

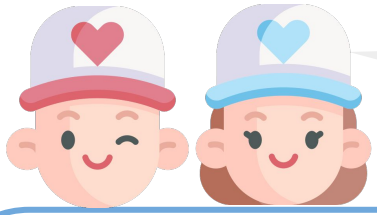
TABLE OF ACTIVITIES

Ages 5-6 (Basic)	1st Grade
1	Help Volunteers
2	Hide and seek
3	Let's Decorate
4	Save an animal
5	Go to the Park
Ages 6-7 (Advanced)	2nd Grade
6	Meet a Rescued Animal
7	Adopt Not Shop
8	Report an Animal Cruelty
9	Give an Office Support
10	Visit a Shelter

HELP VOLUNTEERS

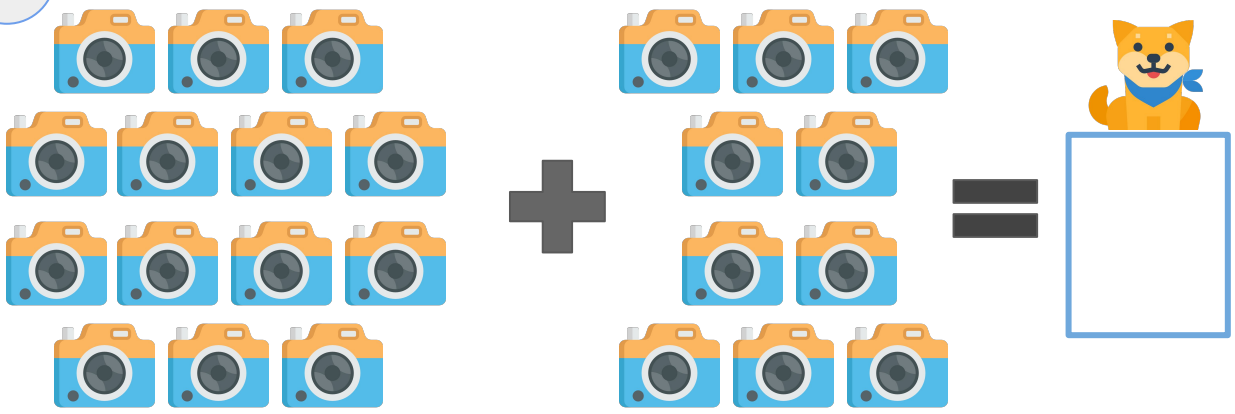
G1 Basic

Some people in the community volunteered to walk the dogs and take photographs of pets that are up for adoption. Help them to find the total number of available dog leash and camera.



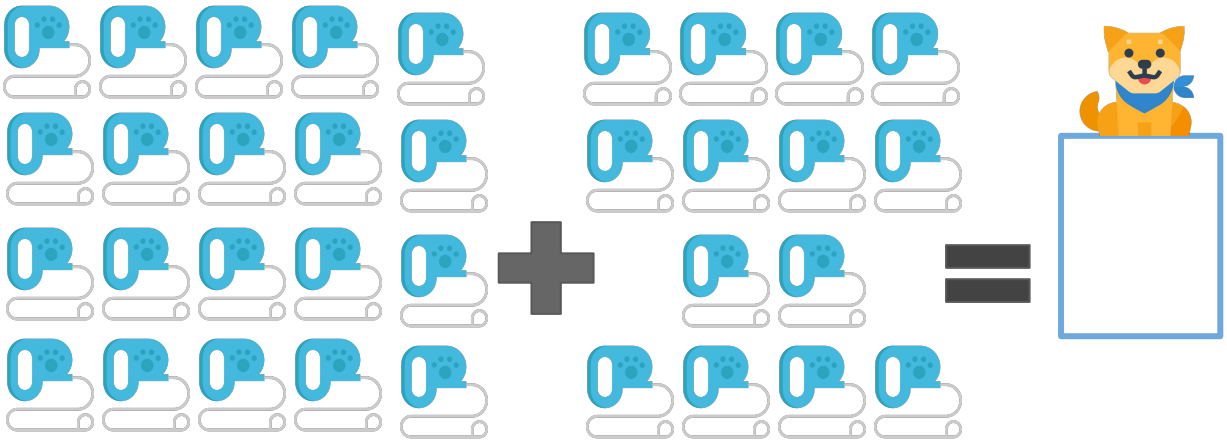
We warmly welcome you as a volunteer! Can you help us add the things that we need?

1



14 10

2

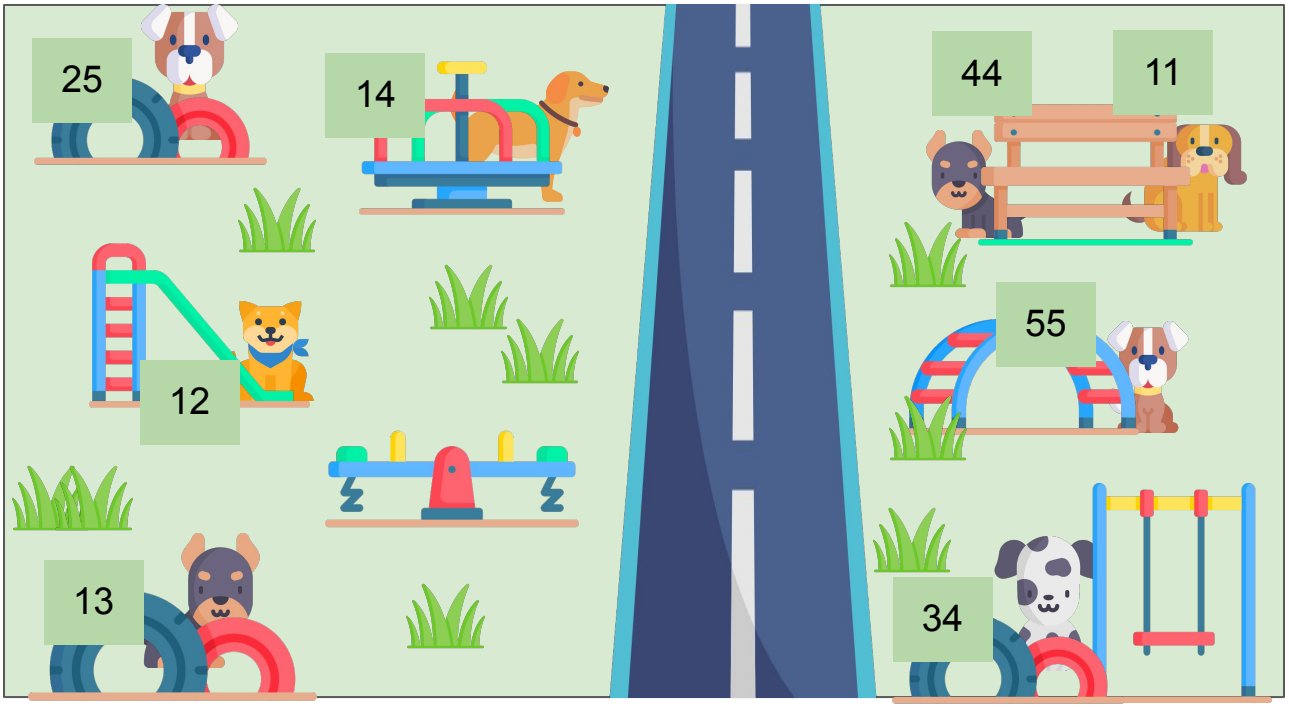


20 14

HIDE AND SEEK

G1 Basic

Time to go home! Find the animals that are hiding in the playground by following the numbers beside them. Finally, add them as we go!



Add and below:

_____

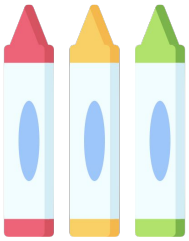
Add and below:

_____

LET'S DECORATE!

G1 Basic

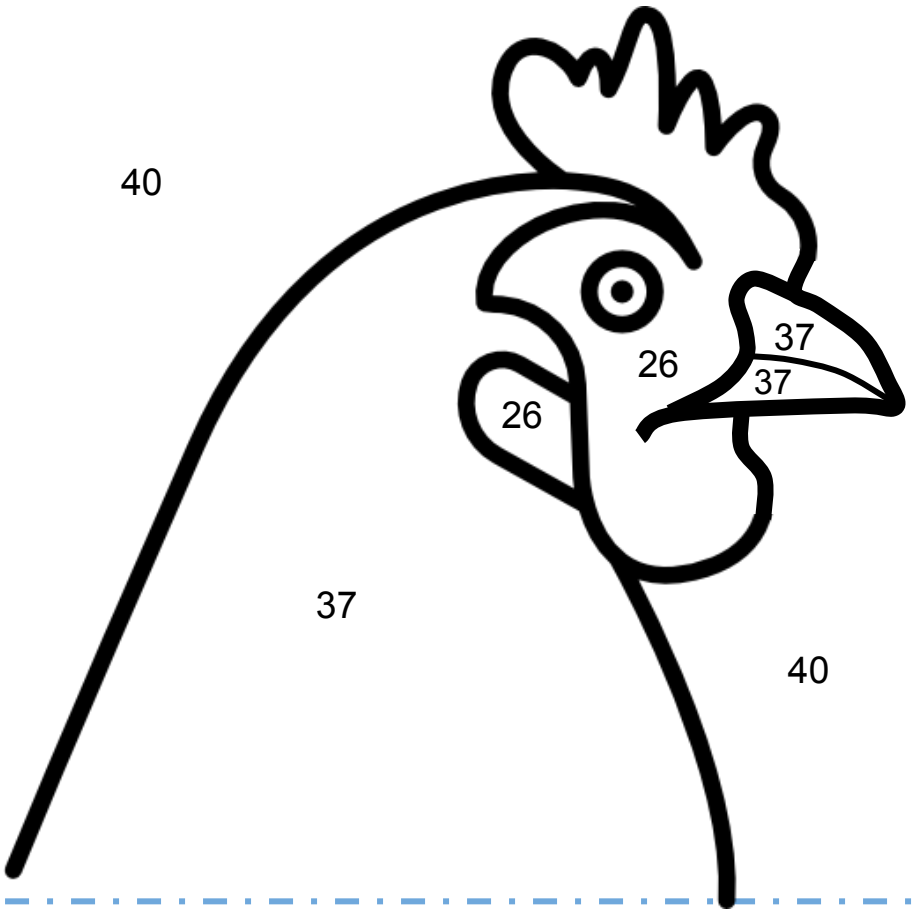
The shelter is hanging different drawings of animals but one frame has no color. Let's find the sum of the numbers and name the colors beside it to know the correct color that we must use. Then, start coloring the chicken!



1. 15 + 11 = _____ Color: _____

2. 19 + 18 = _____ Color: _____

3. 20 + 20 = _____ Color: _____



SAVE AN ANIMAL

G1 Basic

There is a petition to save rabbits that were being used as product testers in laboratories. They seem to be in bad condition. Let us save them as we solve the math problems along the way!

1. 29 + 19 = ☐

2. 28 + 17 = ☐

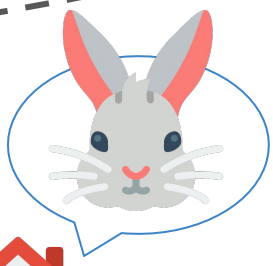
3. 10 + 11 = ☐

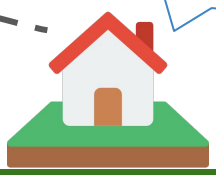
4. 36 + 25 = ☐

5. 17 + 17 = ☐

6. 38 + 29 = ☐

7. 46 + 29 = ☐





GO TO THE PARK

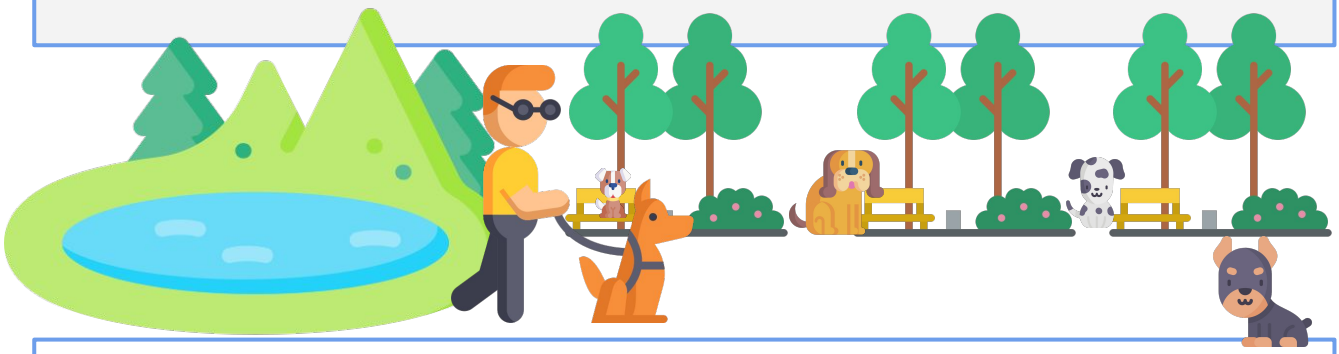
G1
Basic

Let's have a great time learning while we are walking in the park! Read and solve the problems below.

1. At the park, there are 23 dogs that are taken for a walk while 16 dogs are fetching balls. How many dogs are there in the park?

Addition sentence:

Solution and answer:



2. In the pond, you will see 26 frogs and 17 ducks. What is the total number of frogs and ducks in all?

Addition sentence:

Solution and answer:

MEET A RESCUED ANIMAL

G2 Advanced

Every time the animal rescue team saves animals, they give them a name. Now, solve the numbers below to know the name given to one of the saved rabbits.

1. 82 + 35 =

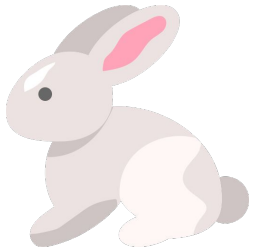
2. 50 + 50 =

3. 71 + 40 =

4. 92 + 23 =

5. 64 + 43 =

What is his name?



A	B	C	D	E	F	G	H	I
100	101	102	103	104	105	106	107	108

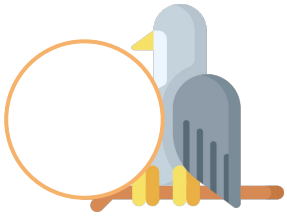
J	K	L	M	N	O	P	Q	R
109	110	111	112	113	114	115	116	117

ADOPT NOT SHOP

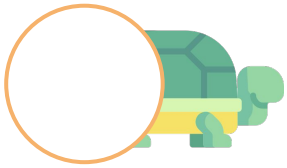
G2 Advanced

Oh no! It feels like there's something wrong with the computation of the adopted animals below. Try to add the numbers below then put a smiling face if the answer is right. Put a sad face if the answer is wrong.

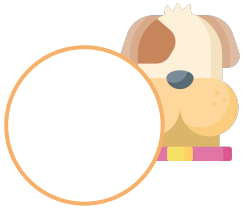
1. 52 + 61 = 113



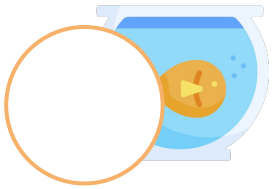
2. 67 + 82 = 152



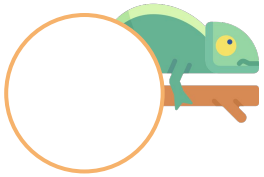
3. 33 + 95 = 128



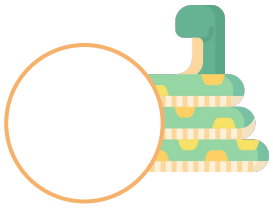
4. 88 + 71 = 159



5. 78 + 99 = 187



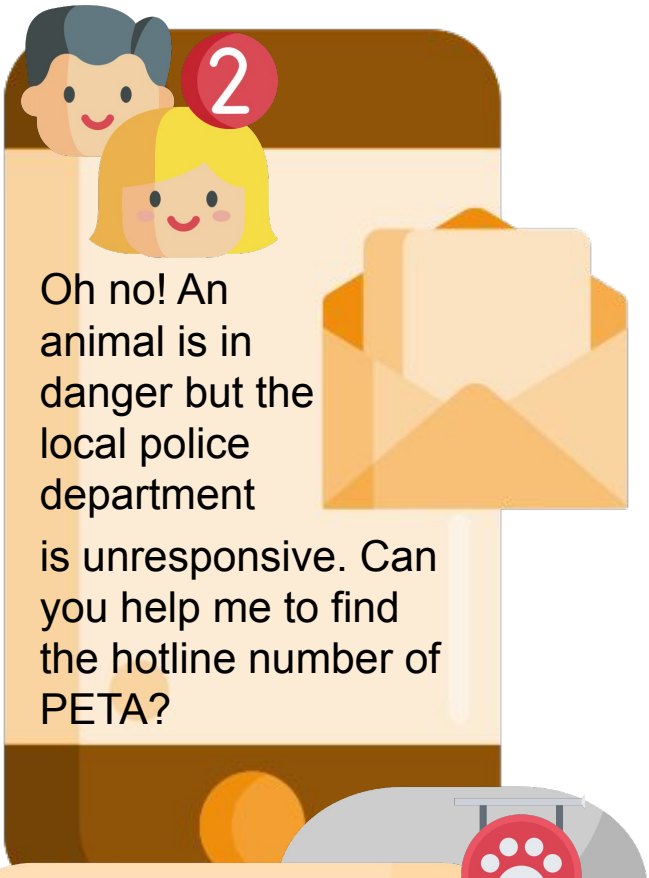
6. 99 + 99 = 208



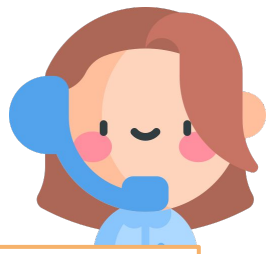
REPORT ANIMAL CRUELTY

G2 Advanced

A friend is asking for a number to whom she can file a report about animal cruelty. Fill in the boxes below to reveal the hotline!



	+	55	=	130
96	+		=	172
	+	96	=	118
76	+		=	149
99	+		=	181



HOTLINE FOR ANIMAL CRUELTY:

GIVE AN OFFICE SUPPORT

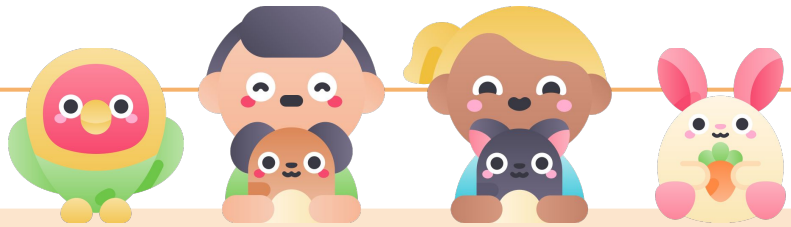
G2 Advanced

In the office, volunteers are tasked to write a report on the activities from the past few months inside the animal shelter. Use your skills in addition to help them solve the problems!

1. For the last six months, there were 45 pets brought in the shelter by their owners who can no longer support them, while there were 82 animals brought by animal control officers. How many animals are brought in the shelter in all?

Addition sentence:

Solution and answer:



2. There are 67 men and 52 women who are willing to adopt a pet. What is the total number of potential new pet parents?

Addition sentence:

Solution and answer:

VISIT AN ANIMAL SHELTER

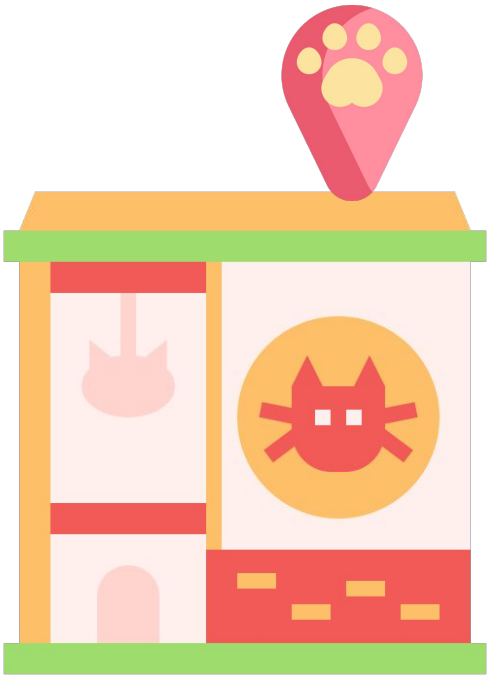
G2 Advanced

Let us visit animal shelters in different places as you engage yourself with more problem solving that involves furry animals.

1. The number of canned cat food in the shelter is 87. Then, a donation arrived with additional 99 canned cat foods. How much does this shelter have in total?

Addition sentence:

Solution and answer:



2. In 2019, there were 73 pet shelters in Mississippi and another 78 in Nevada. How many pet shelters are there in two states?

Addition sentence:

Solution and answer:

ANSWER GUIDE

Activity 1

1. 24 2. 34

Activity 2

1. 26 2. 45

Activity 3

1. 26 - Red 2. 37 - Yellow 3. 40 - White

Activity 4

1. 48 2. 45 3. 21 4. 61
5. 34 6. 67 7. 75

Activity 5

1. 39 dogs
2. 43 frogs and ducks

Activity 6

1. 117- R 2.100- A 3. 111- L 4. 115- P 5. 107- H

Activity 7

1. Smile 2. Sad 3. Smile 4. Smile 5. Sad 6. Sad

Activity 8

1. 75 2. 76 3. 22 4. 73 5. 82 Hotline: 757-622-7382

Activity 9

1. 127 animals
2. 119 potential new pet parents

Activity 10

1. 186 canned cat foods
2. 151 pet shelters

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