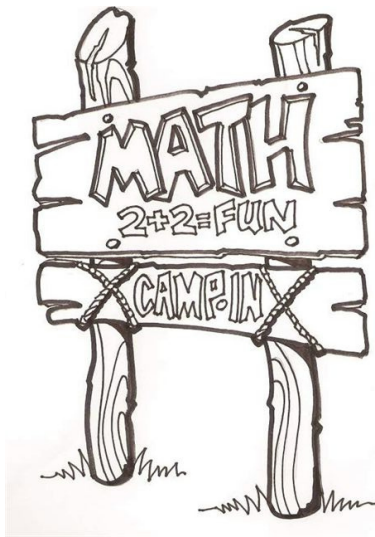




**This journal belongs to** \_\_\_\_\_



## CAMP OATH

During MATH CAMP-IN it is so true,  
There are seven Math Trail Posts to visit and do.

Each one a good problem--and all about math,  
Like adding, subtracting, patterns and graphs.

And as a Math Camper, I will give it my best-  
I will put my brain to the MATHEMATICS test!

I'm here to have fun and enjoy each one-  
because Math Camp-In  
is going to be

## LOTS OF FUN!

# TRAIL POST 1

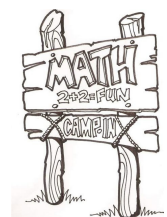


## Campsite Critters

You can color the animals before you cut them out. Use the items to create a camp scene and solve the problems for Trail Post 1.

There are 6 animals at the campsite. Some are in the water and some are on the grass. **How many could there be in each place?**

Show different ways the animals could be at the campsite using your pictures and camp scene.



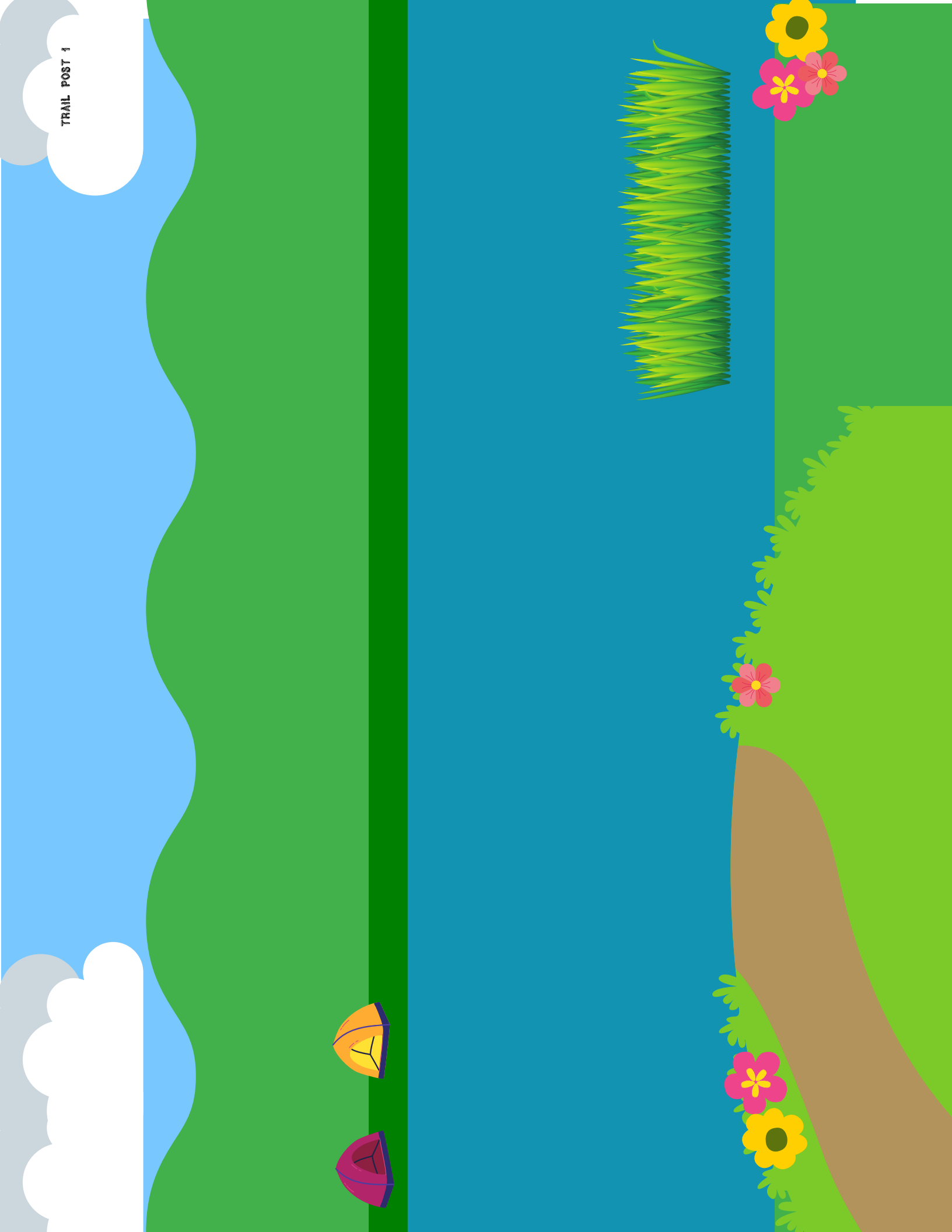
# TRAIL POST 1

A camper is going on a hike. She takes her backpack, canteen and a flashlight. How many items is she bringing on the hike?

She decides to bring one more item in her backpack. What should she bring?

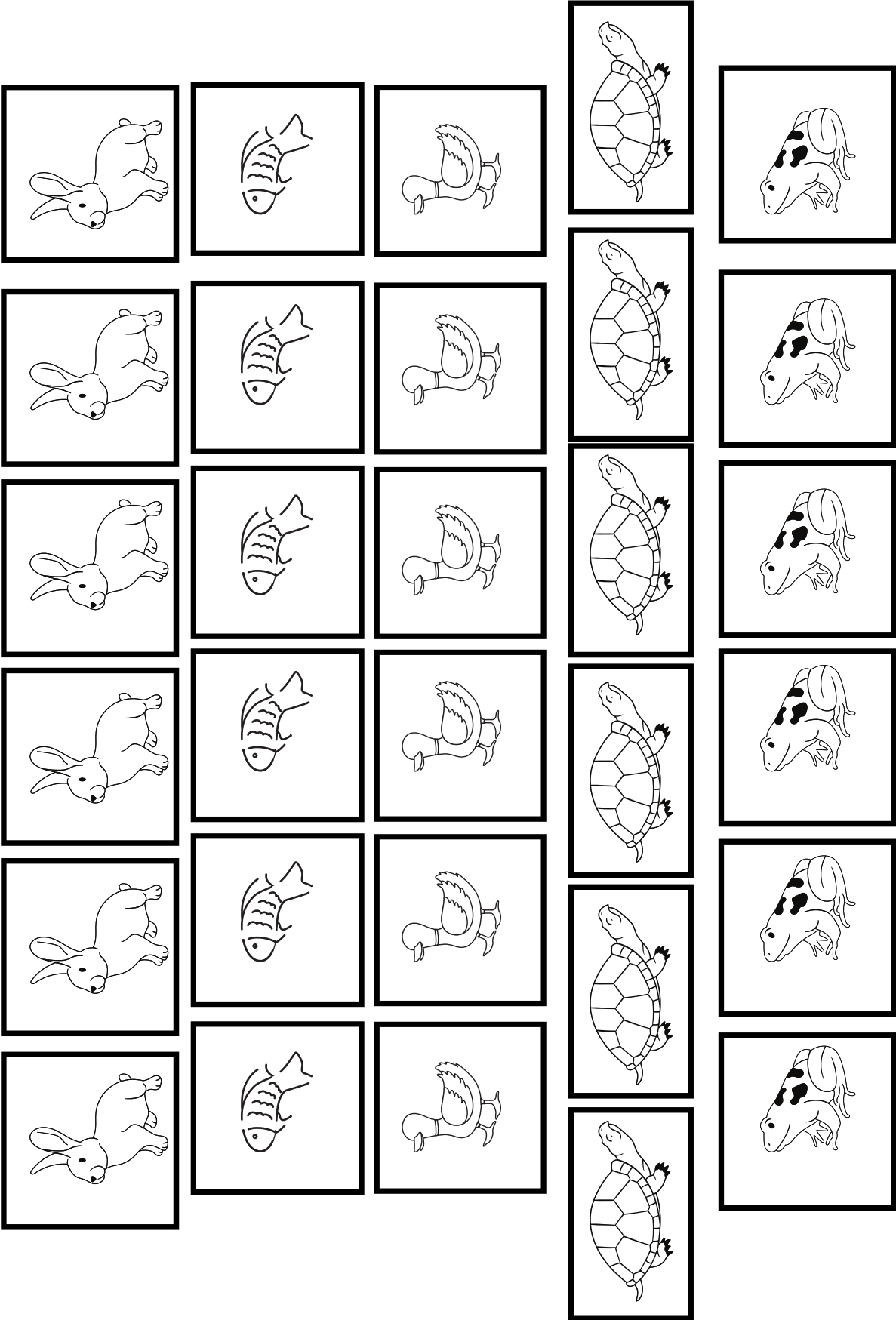
How many items is she bringing now?





TRAIL POST 1

Color and cut out pictures for Trail Post 1



# TRAIL POST 2



## Trail Tracks











A group of campers came across all of these animal tracks! Help them figure out who was at camp.

While on a nature hike, some campers took pictures of animal tracks they found. They organized their pictures below. **Using this image determine how many tracks they found for each animal. Record your thinking on the next page.**


# TRAIL POST 2

Record how many tracks the camper found for each animal.

## Number of animal tracks

		Wolf	
		Bear	
		Moose	
		Hare	
		Deer	

Which animals have more tracks than a wolf?



Which animals have less tracks than a deer?













## TRAIL POST 2

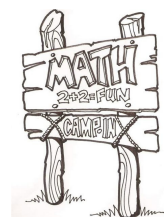
When the campers woke up they found all of these tracks on the ground!  
Use these tracks to help you answer the questions on the next page.



# TRAIL POST 2

Use the picture of the animal tracks. Count to see how many tracks there are for each animal!

Animal	Track	How many tracks are there for each animal?
 Dog		
 Bear		
 Squirrel		
 Deer		
 Rabbit		



## TRAIL POST 3

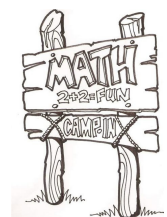


We want s'more math! Campers love sitting around the campfire and making s'mores! Help the campers figure out how many they can make!

At the s'more station, you grabbed a handful of marshmallows. Let's figure out how many s'mores can you make!

**In your journal show how many pieces of chocolate you will need so each marshmallow has 1 piece of chocolate for the s'more.**

Show your thinking using pictures, numbers and words.



How many sticks do you need to roast the marshmallows over the campfire? Show your thinking.





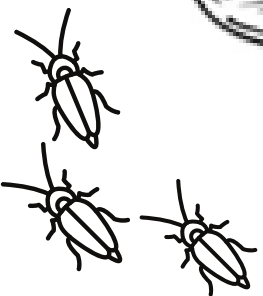
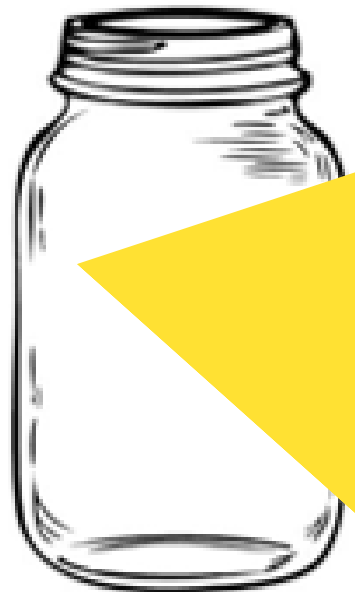
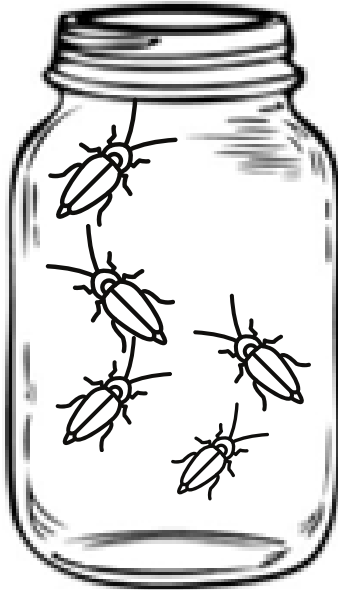
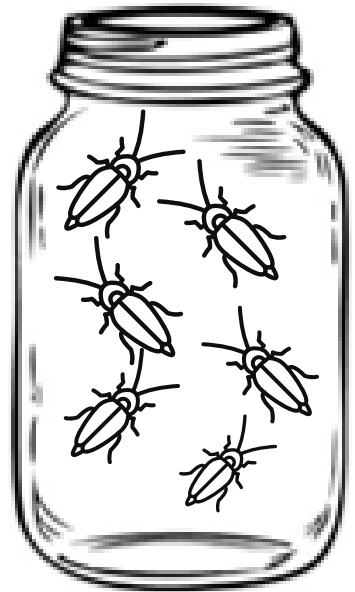
# TRAIL POST 4



## FLASHING FIREFLIES

Campers love to catch and count their fireflies then let them go! See how many fireflies you can find!

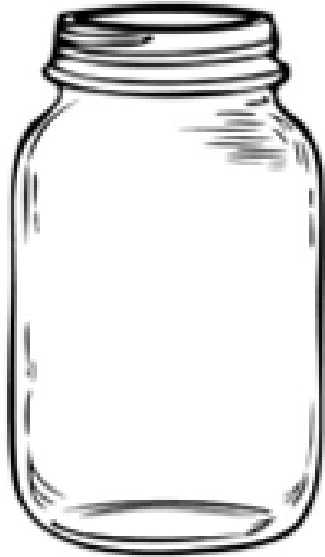
At Math Camp, campers love to catch fireflies and let them go! Your camp counselor will call out a number and you have to use your flashlight to find the jar with that number of fireflies.



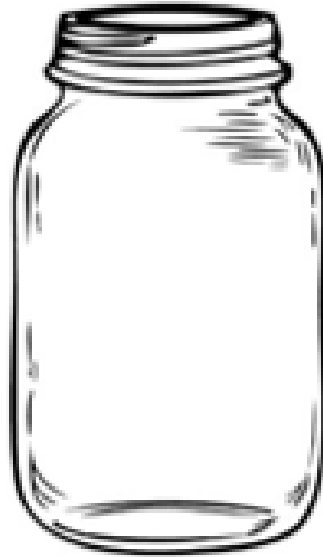
# TRAIL POST 4

Draw the number of fireflies for each jar below.

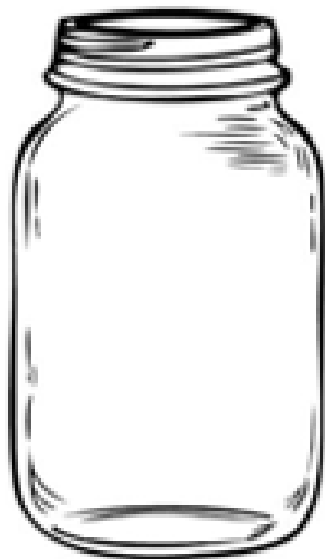
3



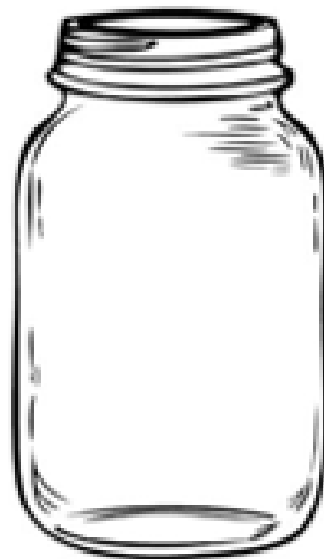
8



5



6



# TRAIL POST 5



## GONE FISHING

Grab your bucket and head to the pond! Get ready to do a favorite camp activity - fishing!

Count your fish and represent how many fish you caught.

How many fish would be in your bucket if you caught 2 more fish?

How many fish would be in your bucket if you put 1 fish back in the pond?

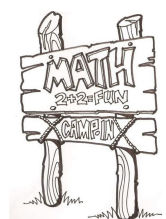
## TRAIL POST 5

Be sure to show your thinking on  
how you got your answers!



Camper Alex caught 3 green fish and 3 blue fish. How many fish did Alex catch?

Did you catch more or less fish than Alex? Show your thinking with a picture.



# TRAIL POST 6



## Math Rocks!

While on a hike the campers collected interesting rocks they found along the way. When they got back to camp they wanted to figure out different ways they could sort the rocks.

### How might you sort the rocks into two jars for display?

Record your ideas using pictures and numbers. How many rocks are in each display? Don't forget to label how you sorted the rocks.



## TRAIL POST 6

How might you sort the rocks into three jars for display? Record your ideas using pictures and numbers. How many rocks are in each display? Don't forget to label how you sorted the rocks.



What other objects could you put in your jars? How would this change the count?



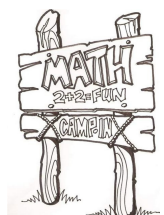
# TRAIL POST 7



## Catching Fireflies

Now it's your turn to go on a hike to catch fireflies. Your camp counselor has a jar for you. Have fun!

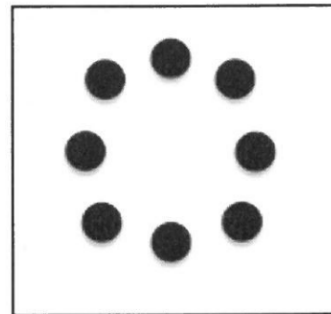
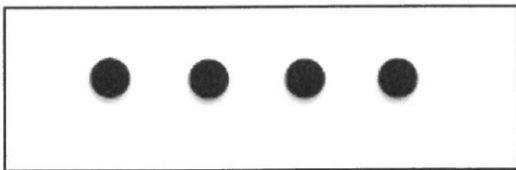
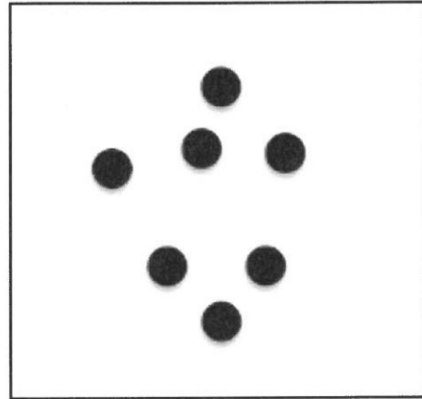
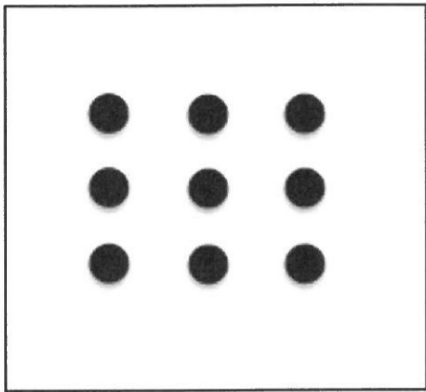
Using your net, catch as many fireflies as you can. Create a picture to show how many fireflies you caught! Be sure to represent your jar using pictures and numbers.



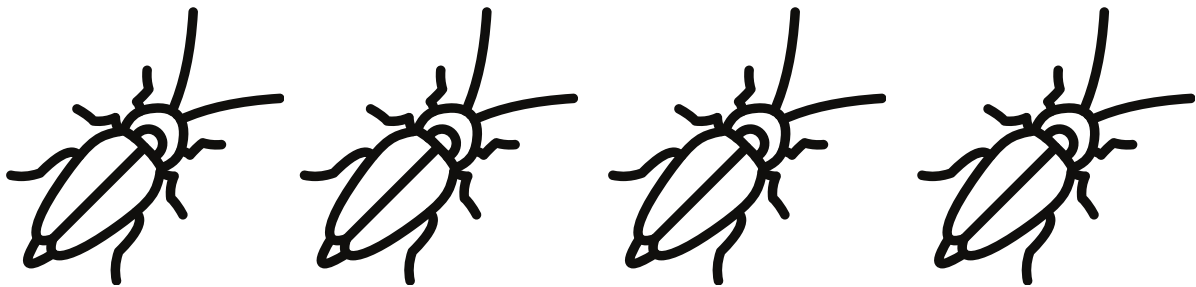
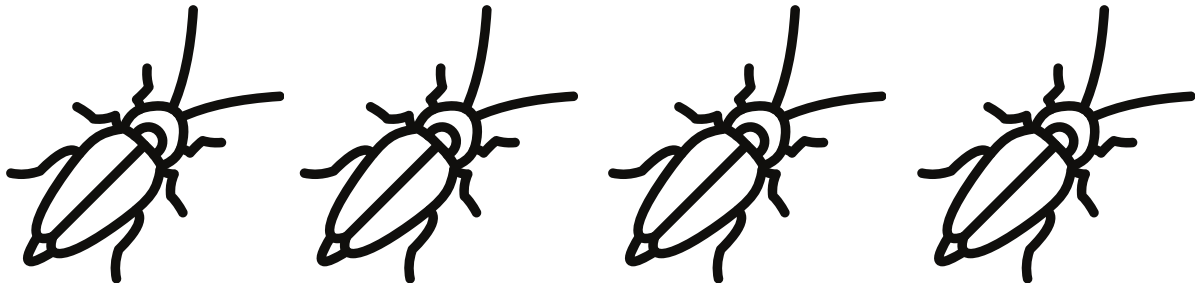
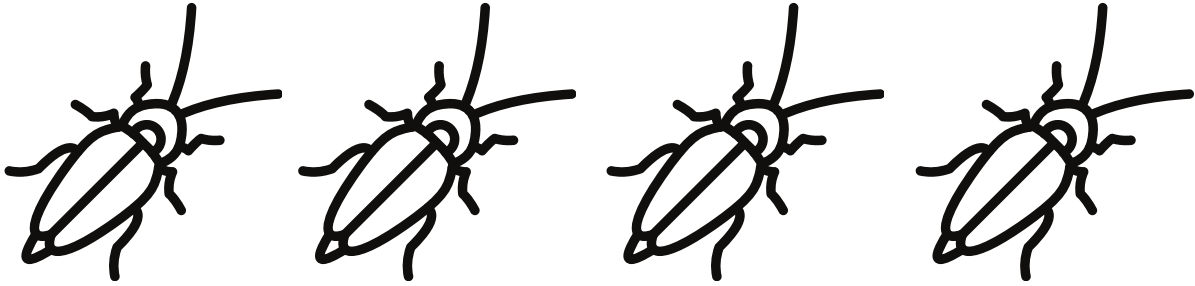


# TRAIL POST 7

The fireflies are flashing in the sky! How many do you see and how do you see it? Circle how you see the dots and represent how many you see in each arrangement.



# TRAIL POST 7



# CAMP BADGES

Once you have all seven badges, use each piece to fit in the tent.  
Then ask your Camp Counselor for the BADGE CHALLENGE to earn your final badge!



Do you have a favorite way to display your camp badges? Arrange them here. Once you have the one you like the best, you can glue or tape it in your camp journal.

# CHALLENGE BADGE

Your Camp Counselor will give you the instructions for your Challenge Badge. Once you have earned your badge, design your own version below!

