

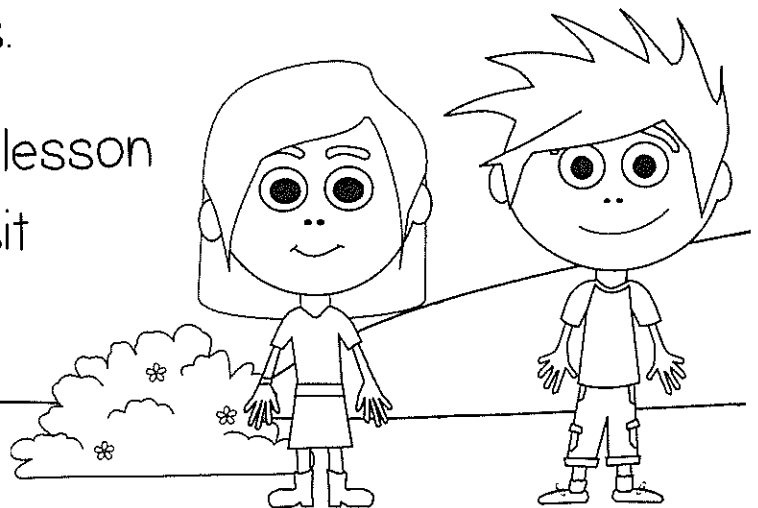
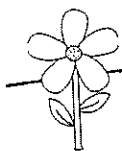
# Introduction

The Summer Goofy Glyph is an activity with which students can hone their abilities in mathematics while putting together a fun art project that you can display on your classroom wall. Whether your students answer the questions right or wrong will decide the way their glyphs turn out in this potentially silly activity.

At the back of this booklet are templates that your students can use to help design their glyphs; otherwise, they can choose to create their own artwork.

Also at the back of a book is a graph that you can use to compare glyph results among the students in your class.

For free worksheets, lesson plans and activities visit [www.mixminder.com](http://www.mixminder.com).

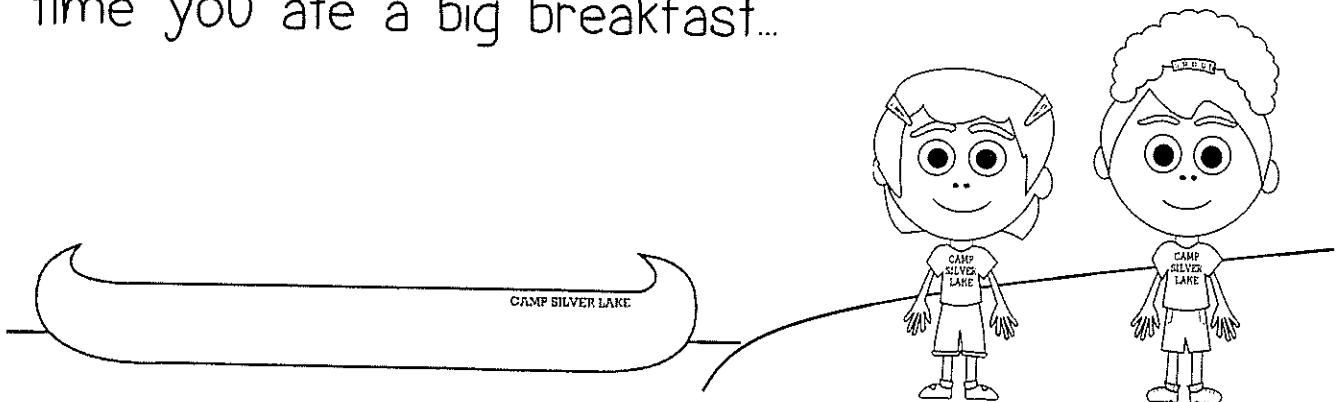


## Creating Your Summer Glyph

In this glyph, you are asked to create a fun summer scene. The different things you draw or paste into your glyph and color will depend on your answers to a series of math problems given you. When you answer a math problem, the answer you come up with will correspond to something that you should add to your glyph.

You should place the items into the scene where you're instructed to by the glyph. For example, if you are asked to put a brown dog in your scene, place or draw a dog onto somewhere in your scene and color it brown.

Depending on how you answer your questions, your glyph might end up reminding you of the last time you ate a big breakfast...



# Setting Up Your Scene

Your first step is to set up the location where your summer scene is to take place.

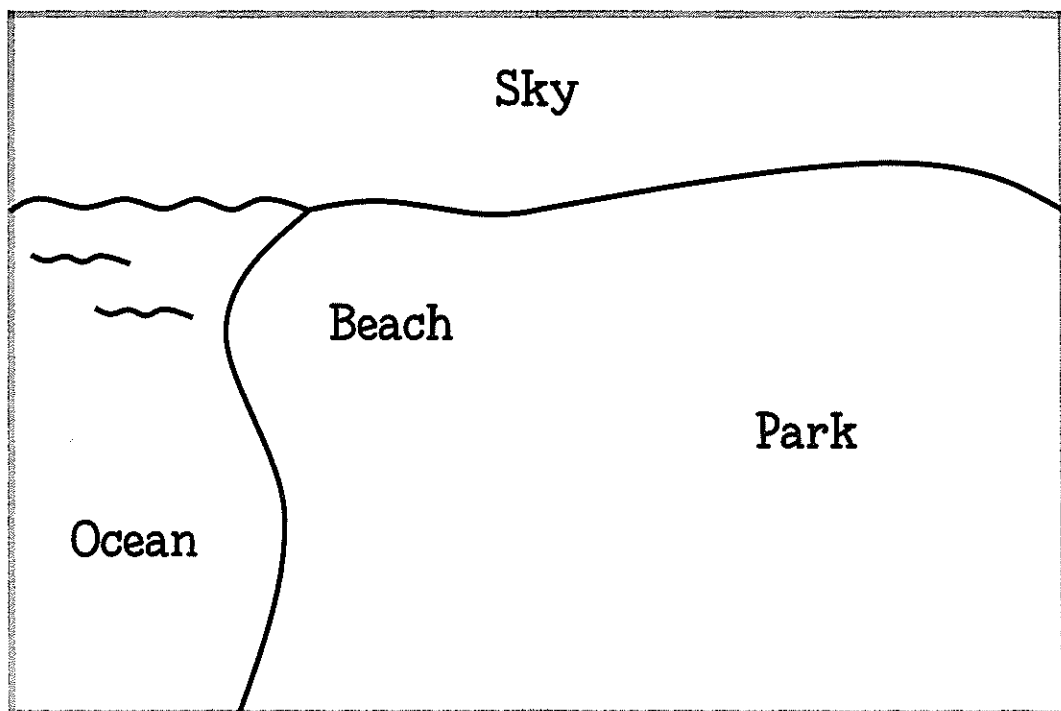
## Step 1

On one side of your scene, draw the ocean. This side of the scene will be the beach.

## Step 2

On the other side of the scene, draw a grassy field. This side of the scene will be the park.

Now let's start adding things to your scene!



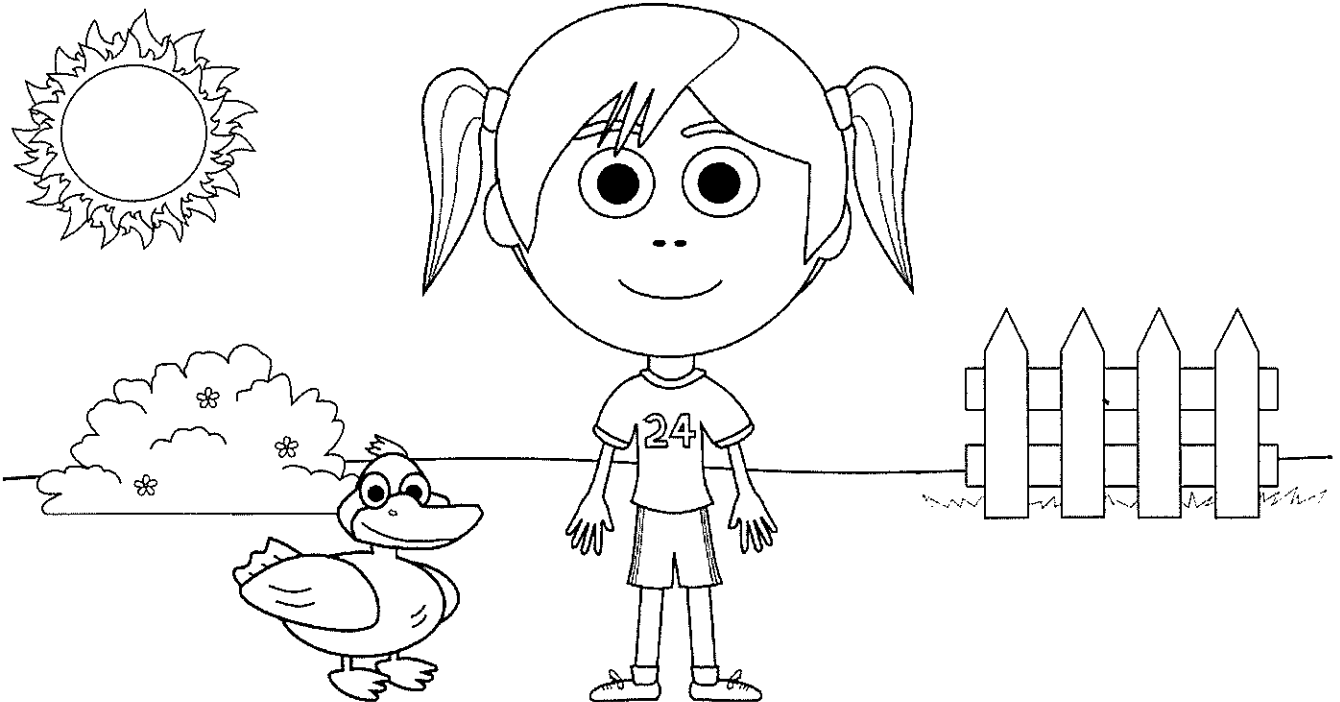
## Question #1: Which do you prefer?

Cool cats	$7 \times 572 =$
Hot dogs	$6 \times 593 =$

## What is your answer?

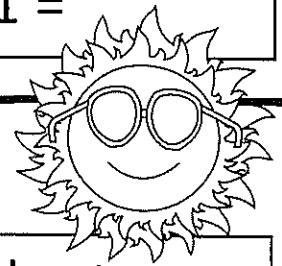
Have this character playing in the grass in the park in your summer scene.

If your answer is 4,004 →	add a cat
If your answer is 3,558 →	add a dog
If your answer is neither of those →	add a big banana



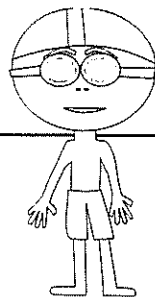
## Question #2: What do you like to do when you go to the swimming pool?

Hang out with my friends	$62,242 - 47,432 =$
Swim, of course!	$52,432 + 18,499 =$
Take a swimming lesson	$87,491 - 53,240 =$
Lay out and read a book	$34,155 + 42,231 =$



## What is your answer?

If your answer is 70,931 —>	add a big sun and put dark sunglasses on it
If your answer is 34,251 —>	add a big sun with clouds covering part of it
If your answer is 14,810 —>	add a big rainbow to your sky
If your answer is 76,386 —>	add a big sun and put a smiley face on it
If your answer is a different answer —>	put a big fried egg into the sky of your scene

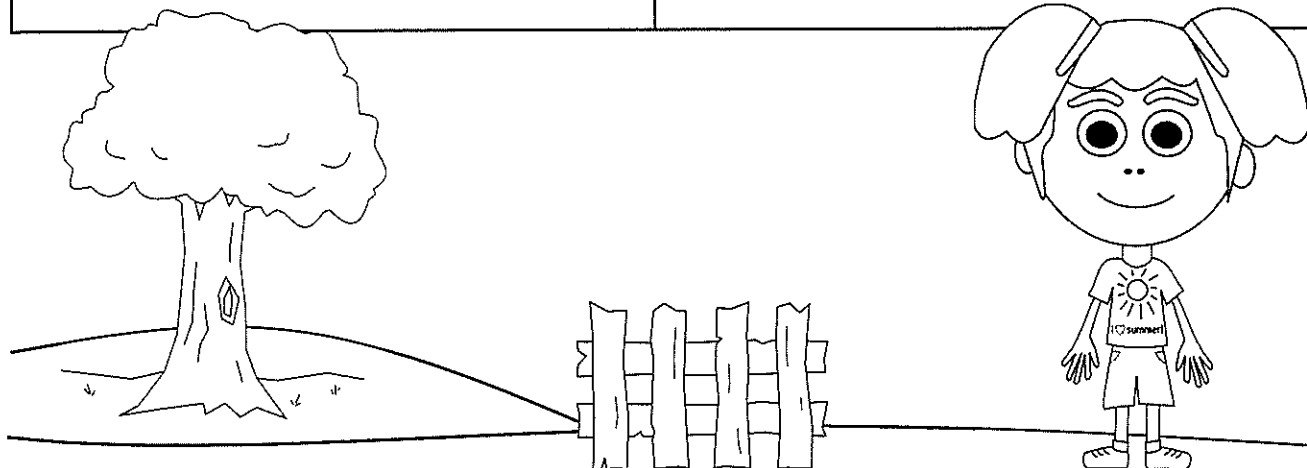


### Question #3: Which of these summertime drinks is your favorite?

A slushy or ice drink	$216 \div 12 =$
Fruit juice or soda	$120 \div 8 =$
An ice cream float	$144 \div 9 =$

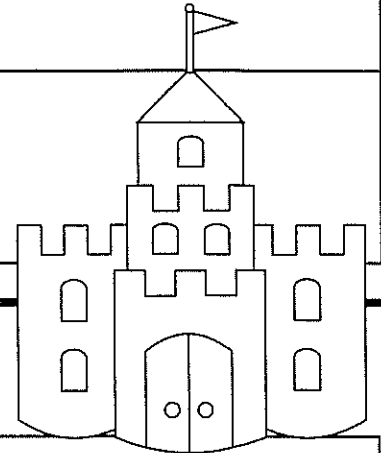
### What is your answer?

If your answer is 15 →	put a big oak tree in the park of your scene
If your answer is 18 →	put a big fir tree in the park of your scene
If your answer is 16 →	put a big fir tree <i>and</i> a big oak tree in the park of your scene
If your answer is a different answer →	put a big carton of milk in the park of your scene



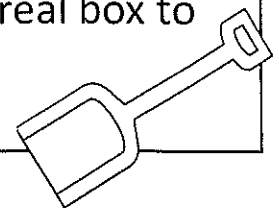
## Question #4: What do you like to do at the beach?

Build sandcastles	$212 \times 9 =$
Play in the water	$618 \times 8 =$
Search for seashells	$382 \times 7 =$
Play beach volleyball or another sport	$418 \times 6 =$



## What is your answer?

If your answer is 2,674 →	add a big sandcastle to your scene as your house
If your answer is 4,944 →	add a tall house to your scene and color it the colors of your favorite sports team
If your answer is 2,508 →	add a small house to your scene and color it the colors of seashells
If your answer is 1,908 →	add a normal-sized house to your scene and color it the colors of the ocean
If your answer is a different answer →	add a house-sized cereal box to your scene

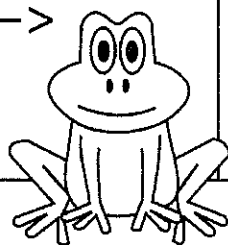


**Question #5: If you were to go to a summer camp, which activity would you like best?**

Singing songs by a campfire	$749 \times 6 =$
Horseback riding	$697 \times 4 =$
Swimming	$971 \times 3 =$

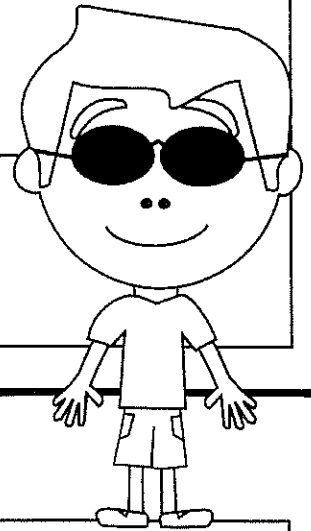
**What is your answer?**

If your answer is 2,788 →	add a white picket fence beside your house or cereal box
If your answer is 4,494 →	add a brown wooden fence near your house or cereal box
If your answer is 2,913 →	add a bush beside your house or cereal box
If your answer is a different answer →	add a fence made out of bacon beside your house or cereal box



## Question #6: What do you do in the evening during the summer?

Play outside	$9 \times 17 =$
Stay inside to read books, play games, or watch TV	$8 \times 18 =$
Go shopping or to the movies	$7 \times 19 =$

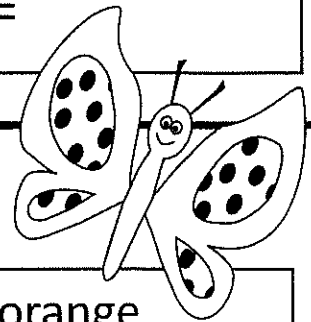


## What is your answer?

If your answer is 153 →	add a little boy playing on the beach
If your answer is 144 →	add a little girl playing on the beach
If your answer is 133 →	add a little boy <i>and</i> a little girl, both playing on the beach
If your answer is a different answer →	put salt and pepper shakers on the beach

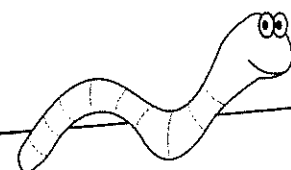
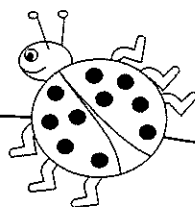
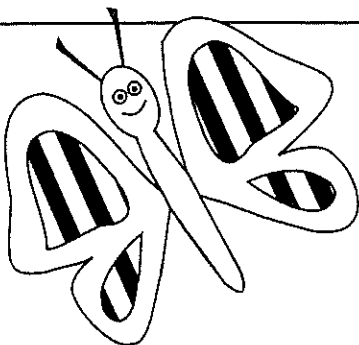
## Question #7: What is your favorite summertime bug?

A ladybug	$6,785 - 3,896 =$
A firefly	$7,814 - 3,274 =$
A butterfly	$5,965 - 2,489 =$



## What is your answer?

If your answer is 4,540 →	put a purple and orange butterfly in your park
If your answer is 3,476 →	put a blue and yellow butterfly in your park
If your answer is 2,889 →	put a green and black butterfly in your park
If your answer is a different answer →	put a tall glass of orange juice in your park

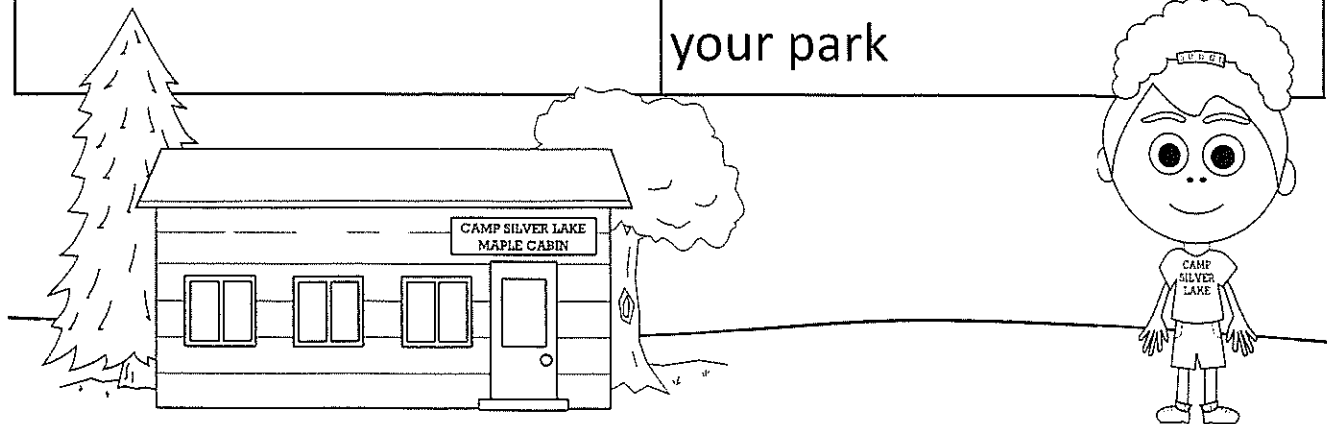


## Question #8: What do you like to do for fun during your summer vacation?

Read books and relax	$555 \div 5 =$
Ride bikes and play	$350 \div 5 =$
Something else	$445 \div 5 =$

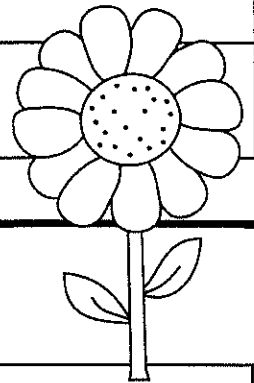
## What is your answer?

If your answer is 89 →	put a bicycle under the tree or milk in your park
If your answer is 70 →	put a book under the tree or milk in your park
If your answer is 111 →	put a soccer ball under the tree or milk in your park
If your answer is a different answer →	put a stack of pancakes under the tree or milk in your park



## Question #9: What is your favorite day in the summer?

The fourth of July	$234 \times 6 =$
The last day of school	$235 \times 4 =$
The final day of summer	$229 \times 5 =$
Every day is awesome!	$232 \times 7 =$



## What is your answer?

If your answer is 940 →	draw pink and green fireworks in your sky
If your answer is 1,145 →	draw red and yellow fireworks in your sky
If your answer is 1,404 →	draw blue and orange fireworks in your sky
If your answer is 1,624 →	draw purple and red fireworks in your sky
If your answer is a different answer →	draw some flying flakes of brown oatmeal in your sky

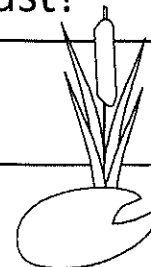
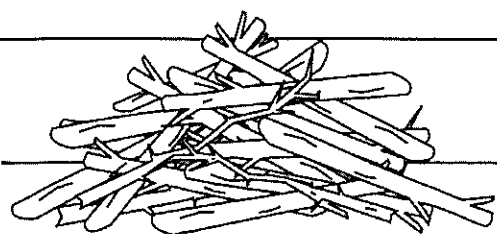
## Question #10: I like the summertime because...

I have to admit, because there is no school!	$6,948 + 478 + 1,991 =$
I can do what I want and play with my friends	$7,156 + 548 + 2,154 =$
Actually, I don't really like the summertime	$6,848 + 641 + 1,841 =$

## What is your answer?

You can write your title above or below your scene.

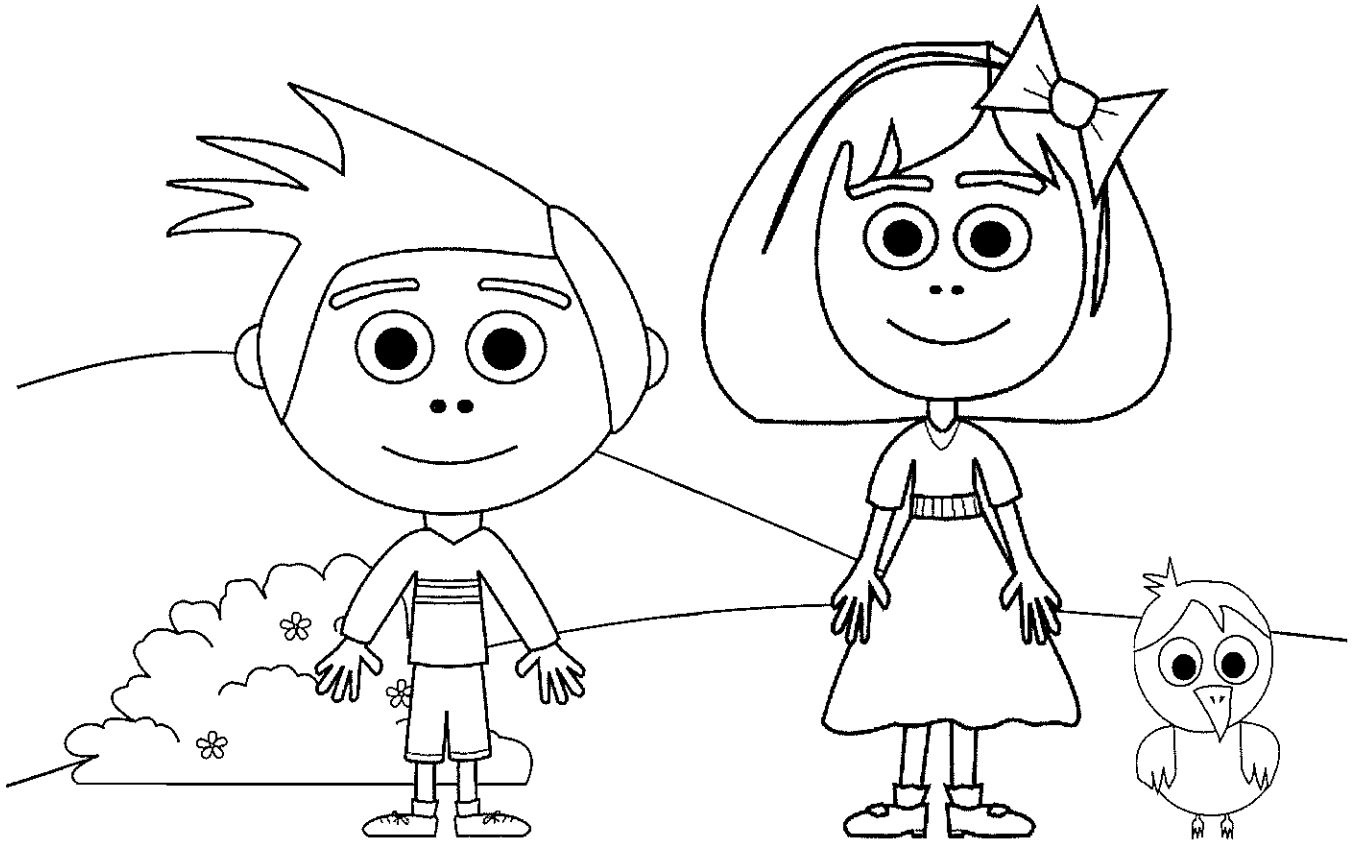
If your answer is 9,417 →	title your scene, "My Summer Vacation!"
If your answer is 9,330 →	title your scene, "Summer is Awesome!"
If your answer is 9,858 →	title your scene, "School's Out!"
If your answer is a different answer →	title your scene, "I Love to Eat Breakfast!"



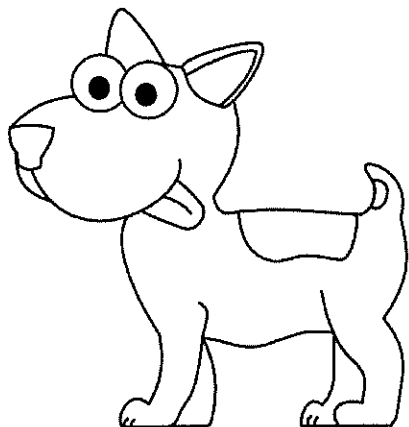
## Finishing Your Glyph

You have almost finished creating your summer scene! Now all you need to do is add any other objects, figures, colors, glitter, writing, or whatever else you feel like adding to your scene. You may be as creative as you like.

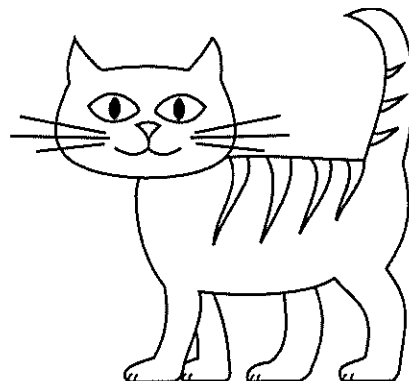
# Have a super summer!



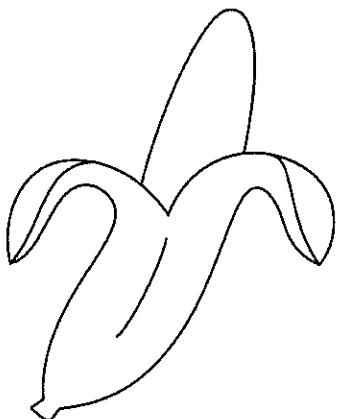
**dog**



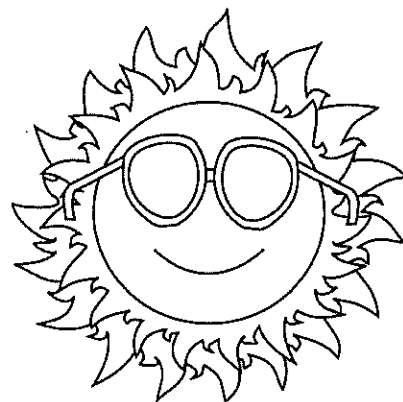
**cat**



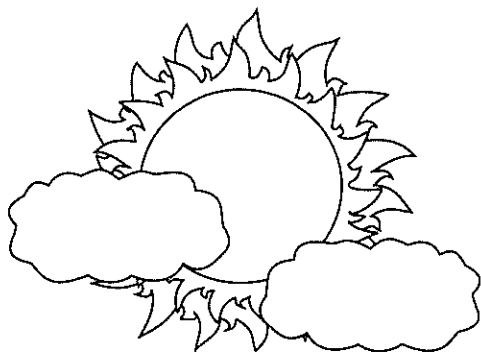
**banana**



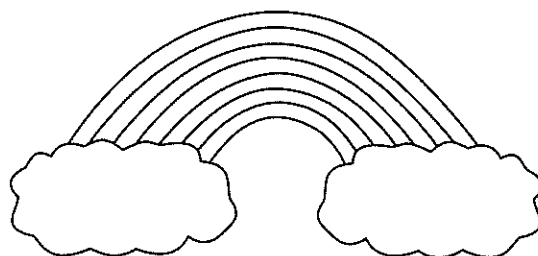
**sun with sunglasses**



**sun with clouds**

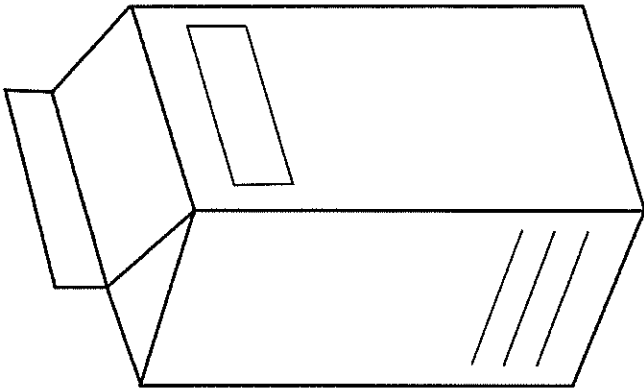


**rainbow**

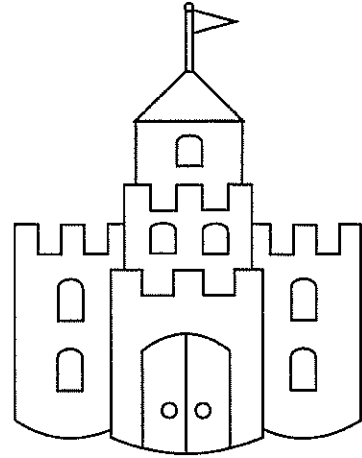




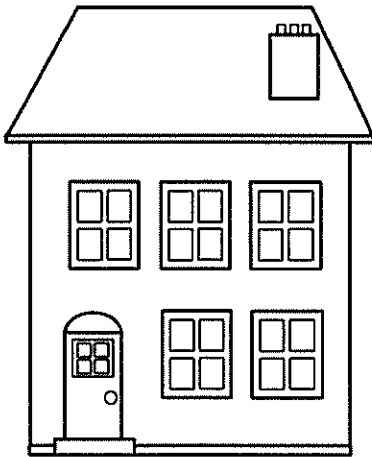
**milk**



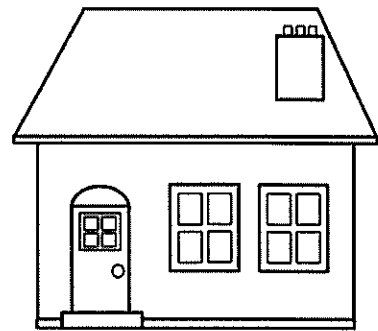
**sandcastle**



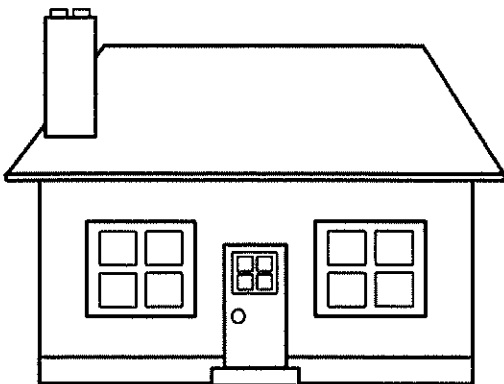
**tall house**



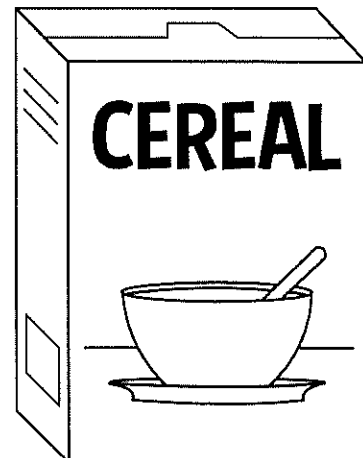
**small house**



**normal-sized house**

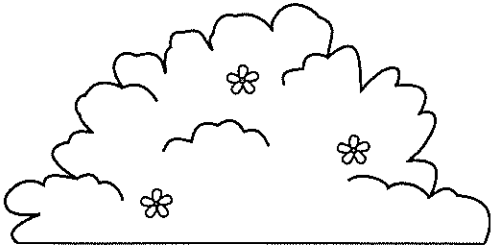


**cereal box**

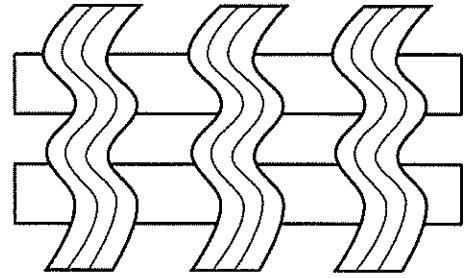




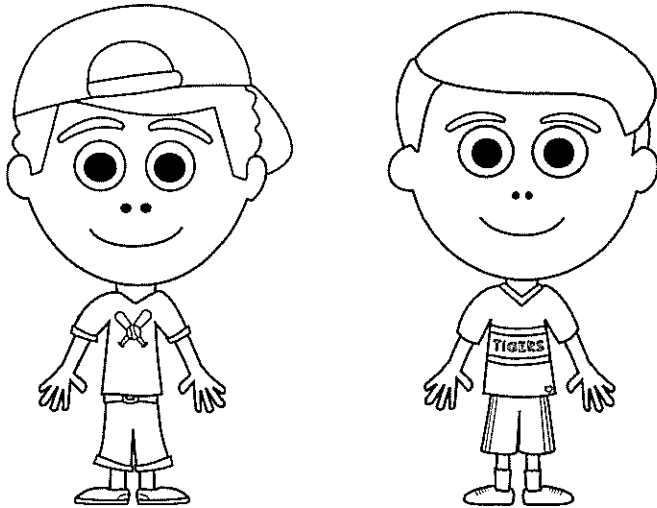
**bush**



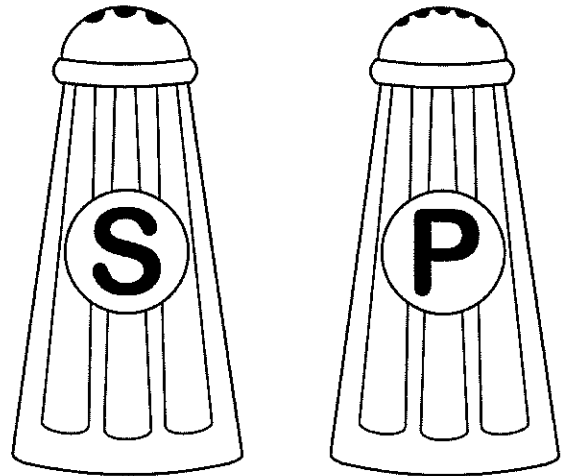
**bacon fence**



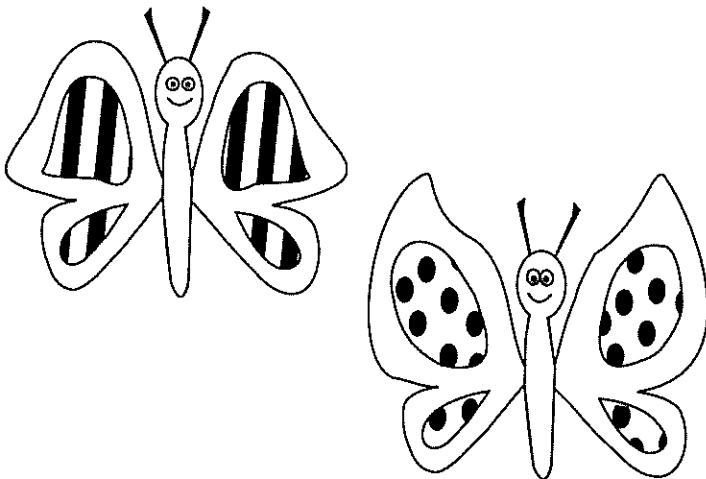
**boys**



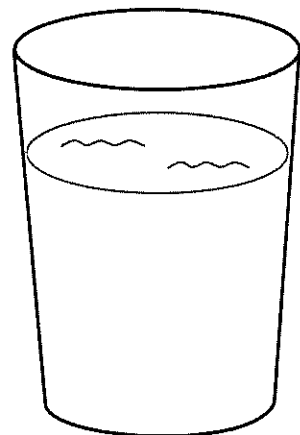
**salt and pepper shakers**



**butterflies**

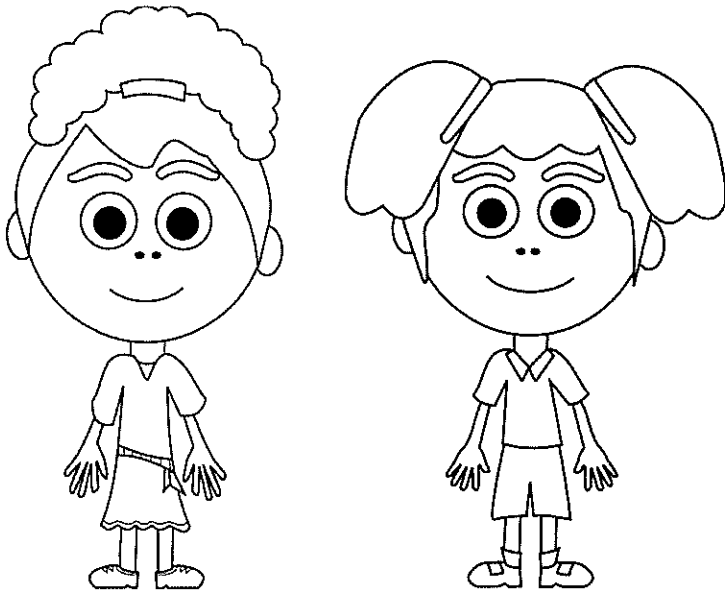


**orange juice**

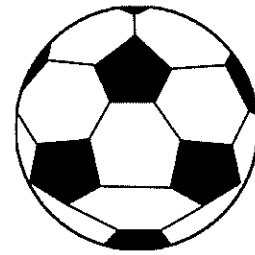




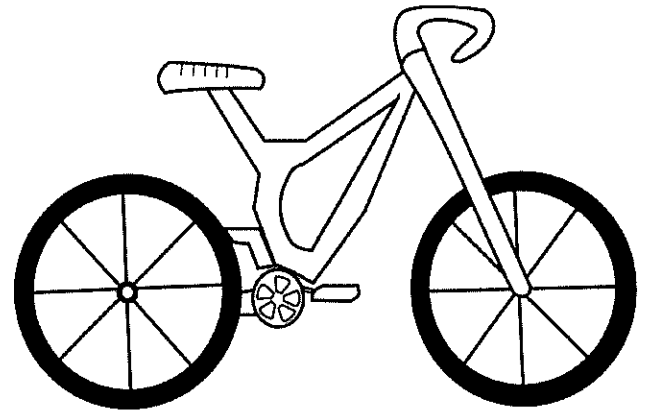
**girls**



**soccer ball**



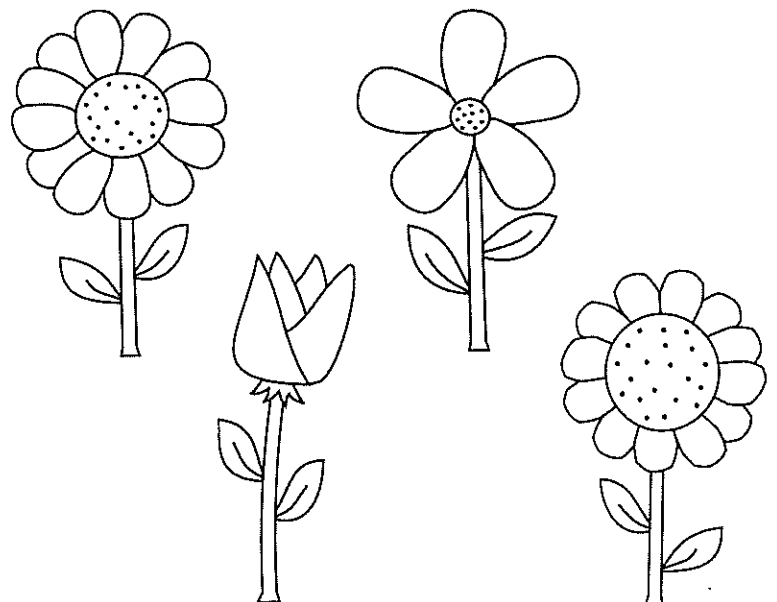
**bicycle**



**book**



**flowers (optional)**



**stack of pancakes**

