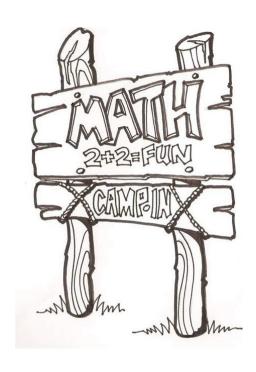**This journal belongs to** _____

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

The Squirrel Solution

Campers love watching wildlife at camp and sketching their ideas in their journal! Be sure to use a visual model to explain your thinking about this problem.

A squirrel is climbing a tree at camp. Each time it tries to climb the tree it goes up 6 feet and slides down 1 foot. How many tries does it take the squirrel to climb a tree that is 23 feet tall? Show your thinking using visual models and numbers.

Explain how you solved the problem in words.   What patterns do you notice?

TRAIL POST 1

What if the squirrel slid down 2 feet each time instead of 1 foot? How might your thinking change? Prove your thinking using visuals and numbers.

What patterns do you notice?

Create a table that shows a pattern you noticed. Represent the problems or patterns noticed using an equation.