

# STRETCH YOUR BRAIN!

## TRY THIS MATH RIDDLE!

You are on your way to visit your Grandma, who lives at the end of the valley. It's her birthday, and you want to give her the cakes you've made.

Between your house and her house, you have to cross 7 bridges, and as it goes in the land of make believe, there is a troll under every bridge! Each troll, quite rightly, insists that you pay a troll toll. Before you can cross their bridge, you have to give them half of the cakes you are carrying, but as they are kind trolls, they each give you back a single cake.

How many cakes do you have to leave home with to make sure that you arrive at Grandma's with exactly 2 cakes?

**Read the passage below as a family.**

**Then, discuss the questions at the bottom of the page.**

### ***Baby Polar Bear Grows Up***

Polar bears live in ice and snow. A polar bear baby is a cub. A cub is born with its eyes closed. It does not have much hair. A cub drinks its mother's milk. The mother keeps the cub warm.

The cub grows bigger. Soon the cub can walk. Its mother shows it how to hunt. She shows it how to swim. The cub likes to play. It rolls in the snow.

The cub grows stronger. The cub learns to swim. It can find its own food. Now the cub can live by itself.

1. What is a cub?
  - a) a baby polar bear
  - b) a fish
  - c) a grown up polar bear
2. The passage describes a polar bear that is born. What is a polar bear like when it is first born?
  - a) It likes to play and roll in the snow.
  - b) Its eyes are closed and it does not have much hair.
  - c) It can swim and find its own food.
3. If a polar bear cub can walk, play, and swim, what do we know about the cub?
  - a) The cub was just born.
  - b) The cub grew bigger since it was born.
  - c) The cub cannot live in ice and snow.