

## Frogs in Ponds: problems

5 frogs live in a pond. If 2 of the frogs are sitting on the rock, how many are hiding in the pond?

How many different ways are there for the frogs to be, in and out of the water?

### Problem 1



6 frogs live in a pond. If 3 of the frogs are sitting on the rock, how many are hiding in the pond?

How many different ways are there for the frogs to be, in and out of the water?

### Problem 2



8 frogs live in a pond. If 2 of the frogs are sitting on the rock, how many are hiding in the pond?

How many different ways are there for the frogs to be, in and out of the water?

### Problem 3



9 frogs live in a pond. If 4 of the frogs are sitting on the rock, how many are hiding in the pond?

How many different ways are there for the frogs to be, in and out of the water?

### Problem 4



Seven frogs live in a pond. They like to sit on the rock in the middle of the pond or hide in the water.

How many different ways are there for the frogs to be, in and out of the water?

### Problem 5

