




# The Frog Pond

## Guided Investigation (2)

Game Information				
There are 6 frogs in the pond		The dice is labelled:		
		1 in	2 in	3 in
		1 out	2 out	3 out

- How many ways could you empty the pond in 2 rolls?
- How many ways could you empty the pond in 3 rolls?
- How many ways could you empty the pond in 4 rolls?
- How many ways could you empty the pond in 5 rolls?
- Can you find a pattern?
- What happens if you halve the number of frogs in the pond?
- What happens if you double the number of frogs in the pond?