

# THE ROSENBACH

## Math in Wonderland, Lesson Three

Level: Grades 3-5

### Logic Puzzles

The logic puzzle was invented by Lewis Carroll. He wrote a whole book of them for kids. At the start of the book, he gives us this great advice about solving difficult problems:








“When you come to any passage you don’t understand, read it again; if you still don’t understand it, read it again; if you fail even after three readings, very likely your brain is getting a little tired. In that case, put the book away, and take to other occupations, and next day, when you come to it fresh, you will very likely find that it is quite easy.”



John Tenniel, “Mad Hatter’s Tea Party.” Proof wood engraving produced by the Dalziel Brothers for *Alice’s Adventures in Wonderland*. [1864 or 65]. 1954.0192

See if you can solve this logic puzzle. Four people from Alice in Wonderland have a favorite animal. Can you figure out each person's favorite animal using these clues? Keep track of your answers by writing yes or no in the chart below.

1. The mad hatter does not like pink birds, white animals or insects
2. The white knight only likes animals with large ears
3. Alice does not like mammals or birds

		FLAMINGO	DODO BIRD	CATERPILLAR	WHITE RABBIT
					
THE MAD HATTER					
THE WHITE KNIGHT					
ALICE					
QUEEN OF HEARTS					

**Answer Key**  
 The mad hatter likes the Dodo bird best  
 The white knight likes the white rabbit best  
 Alice likes the caterpillar best  
 The Queen of Hearts likes the flamingo best