



# LOGIC PROBLEM 1

## CAN IT!

Wednesday night is trash night, and Louise routinely sets her trash can out by the street. She needs to get a can with a tighter lid, however, because each of the last four weeks, a different animal (including an opossum) got into her garbage and spread a different type of food around her front yard (one animal went nuts over the remains of a leg of lamb). Determine the order in which the animals upset the garbage, and, for each animal, find the type of garbage it gnawed on and strewed about.

1. The cat that got into Louise's garbage the first week didn't eat chicken.
2. Neither a dog nor a raccoon got into the garbage the second week.
3. The third week, an animal opened up the trash can in search of some fish bones.
4. An animal other than a raccoon went after the remains of a turkey the fourth week.

	CAT	DOG	OPOSSUM	RACCOON	CHICKEN	FISH	LAMB	TURKEY
1ST								
2ND								
3RD								
4TH								
CHICKEN								
FISH								
LAMB								
TURKEY								

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# LOGIC ANSWERS

## 1. CAN IT!

The first week, a cat got into Louise's garbage (1). The second week, neither a dog nor a raccoon got into the garbage (2), so it was an opossum. The raccoon didn't break in the fourth week (4), so it broke in the third week; by elimination, the dog broke in the fourth week. It ate the turkey (4). The third week, the raccoon (see above) went after fish bones (3). The cat didn't eat the chicken (1), so it ate the lamb; by elimination, the opossum ate the chicken.

1st	cat	lamb
2nd	opossum	chicken
3rd	raccoon	fish bones
4th	dog	turkey