




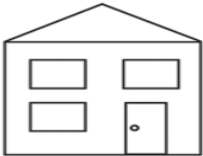
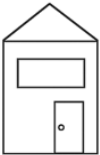



ACTIVITY 9









DIRECTIONS: Fill in the chart using Y for yes or N for no as you solve the puzzle.

A firefighter, a doctor, a boy, and a girl all live in different houses. Find which house belongs to each person.

1. The girl's house has more than two windows and is not the widest.
2. The firefighter's house has fewer than three windows.
3. The doctor's house has one more window than the firefighter's and two more windows than the boy's.

Answers

				
	Y ₃	N ₃	N ₃	N ₁
	N ₂	Y ₃	N ₃	N ₁
	N ₃	N ₃	Y ₃	N ₁
	N ₁	N ₁	N ₁	Y ₁

Clue 1 states that the girl's house has more than two windows and is not the widest. The girl's house is the 5-window house. Clue 2 states that the firefighter's house has fewer than three windows, so it is either the 1- or 2-window house. Finally, Clue 3 states that the doctor's house has one more window than the firefighter's and two more windows than the boy's. So the 2-window house is the firefighter's, while the 3-window house belongs to the doctor. The 1-window house is the boy's.