

Name: _____

Elevator Exemplar

There are two elevators in a building and they are both on the 34th floor. They both start their trip down to the first floor. The elevator on the left goes two times as fast as the elevator on the right. What will the elevator indicators say when the elevator on the left is on the 16th floor?

Left Elevator			Right Elevator	
1	6		?	?

Challenge: Both elevators are on the 34th floor again, but this time the elevator on the left goes 4 times as fast as the elevator on the right. Between which two floors will the elevator on the right be when the elevator on the left is on the 16th floor?