

#flo #ref #disorganized #incomplete #inclass

1 | Elevator?

need a sorta formal writeup

$15 + 10 + 10 \cdot n$ where n is the number of floors

Create a single sentence that calculates the time required for 10 people to go to floor n .

Your sentence should:

- be mathematically correct.
- make your English teacher proud.
- include units.

Optionally, create a second sentence that uses variables for loading time, unloading time, and travel time.

To calculate the number of seconds required to reach floor n , one must combine the ground loading time, the unloading time, and the travel time to create the formula: $(15 + 10 + 10n)s = (25 + 10n)s$ respectively.

Using variable times g , u , and r for ground loading, unloading, and travel time, the formula becomes: $g + u + rn$