

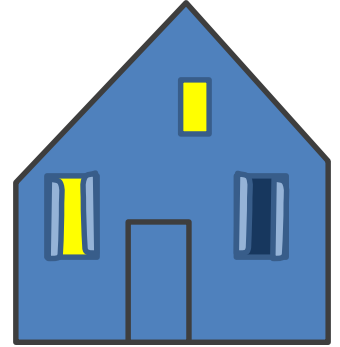
Name

Date



DON'T BE ALARMED

A burglar alarm system turns three of the lights in the house on and off while the family are away.



The alarm turns the first light on for three minutes, then off for three minutes.

The alarm turns the second light on for five minutes and then off for five minutes.

The alarm turns the third light on for two minutes, then off for two minutes.

The lights have all just gone on. How long will it be until all the lights are off at the same time?

How long will it be until all the lights come on again, all at the same time?