

## The Lighthouse problem

Names: \_\_\_\_\_

A light house is equipped with two different flash lights. The top light flashes every **18 seconds** and the bottom light flashes every **27 seconds**.



- (a) Both lights are switched on together at one time. Work out after how many seconds will the two lights flash together again.
- (b) After how many minutes and seconds will the two lights flash together again for the 78<sup>th</sup> time.