

Locker Dilemma

You are about to enter your brand new school for the first time.

The teachers, however, have gotten together and decided to perform a little ritual. The whole school of 150 students need to

line up and enter the school one at a time. The 1st student entering will open all 150 lockers. The 2nd student will enter

and close every 2nd locker. The 3rd student will change every

3rd locker. . . and so on. You are the last in line! But as you are

waiting for your turn you realize you can figure out which lockers will be open after your turn. You amaze your teachers!

Which lockers are open?