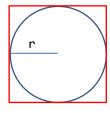
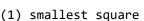
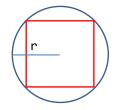
Exercise 1 (10 points) - can be done in pair or individually

- 1. The first lines of all source files must be comments containing names & IDs of all members. Also create file readme.txt containing names & IDs of all members
- 2. Put all files (source, input, readme.txt) in folder Ex1_xxx where xxx = ID of the group representative, i.e. your source files must be in package Ex1_xxx (assumedly in Maven's src/main/java). Input files must be read from this path
- 3. The group representative zips Ex1_xxx & submits it to Google Classroom. The other members submit only readme.txt. Email submission is not accepted

- 1. Read a radius (r) of a circle from user
- 2. Find the width & area of the smallest square that this circle can fit in
- 3. Find the width & area of the biggest square that can be fitted in this circle







(2) biggest square

4. The program must be able to loop & ask for another input from user

Note: Use method <u>double Math.sqrt(double x)</u> to get the square root of x