Þessu blaði þarf ekki að skila með próflausninni. – You do not need to turn in this sheet with your solution.

- `Math`
  - `double abs(double a)` absolute value of a
  - `double max(double a, double b)` maximum of a and b
  - `double min(double a, double b)` minimum of a and b
  - `double pow(double a, double b)` raise a to the b-th power (a^b)
  - `double log(double a)` natural logarithm of a
  - `double exp(double a)` exponential (e^a)
  - `double sqrt(double a)` square root of a
- `String`
  - `int length()` string length
  - `char charAt(int i)` i-th character
  - `String substring(int i, int j)` i-th through (j-1)-st characters
  - `int compareTo(String b)` comparison, `a.compareTo(b)` returns a value < 0 if `a` string is before `b` in alphabetical order, returns > 0 if `b` is before `a` and returns 0 if both strings are equal
  - `boolean equals(String t)` returns true if `this` has the same value as t
- `Vector<E>`
  - `boolean add(E o)`: appends the specified element to the end of this list.
  - `E get(int index)`: returns the element at the specified position.
  - `int indexOf(Object o)`: returns index of the first occurrence of element, or -1 if it's not there.
  - `boolean isEmpty()`: returns true if this list contains no elements.
  - `E set(int index, E element)`: replaces element at the specified position (returns old element).
  - `int size()`: returns the number of elements in this list.
- `Point2D`
  - `Point2D(double x, double y)` : creates a new point with coordinates x and y
  - `double getX()` : returns the x-coordinate of the point
  - `double getY()` : returns the y-coordinate of the point
- `Rectangle`
  - `Rectangle(double x, double y, double w, double h)`: creates a new rectangle centered at x, y with height h and width w.
  - `double getWidth()` : returns the width of the rectangle
  - `double getHeight()` : returns the height of the rectangle
  - `Point2D getCenter()` : returns the center of the box