

If you have any questions about WHAT each of the methods in the Rectangle class are supposed to do, ASK YOUR INSTRUCTOR.

Here (below and to the right) is a picture of the rectangles that the testing code uses. Those rectangles are defined in the file `problem2_provided_rectangle_test.py` by:

```
self.r0 = Rectangle(Point(50, 25), Point(120, 25))
self.r1 = Rectangle(Point(10, 10), Point(150, 110))
self.r2 = Rectangle(Point(120, 20), Point(180, 70))
self.r3 = Rectangle(Point(160, 70), Point(180, 90))
self.r4 = Rectangle(Point(80, 120), Point(110, 90))
self.r5 = Rectangle(Point(250, 60), Point(220, 100))
self.r6 = Rectangle(Point(200, 110), Point(230, 90))
self.r7 = Rectangle(Point(70, 80), Point(50, 60))
self.r8 = Rectangle(Point(50, 80), Point(70, 100))
```

Consider Rectangle `r2`, for example. Note that it COULD have been constructed by any of 4 possibilities:

- `Rectangle(Point(120, 20), Point(180, 70))`
- `Rectangle(Point(180, 70), Point(120, 20))`
- `Rectangle(Point(180, 20), Point(120, 70))`
- `Rectangle(Point(120, 70), Point(180, 20))`

In any case, its 4 corners are:

(120, 20) (120, 70) (180, 20) (180, 70)

The upper-left is (0, 0) (as usual in the graphics systems we have used) and the lower-right in this picture is (300, 150).

If you have any questions about WHAT each of the methods in the Rectangle class are supposed to do, ASK YOUR INSTRUCTOR. In particular, if your code fails a test, make sure you UNDERSTAND THE TEST and why the answer the test says is “Expected” is the RIGHT answer. If you don’t know what it is the RIGHT answer, ASK YOUR INSTRUCTOR to clarify.

For example, make sure that you understand that for Rectangle `r2`, as shown in the picture:

```
get_min_y    returns    20
get_max_y    returns    70
get_min_x    returns    120
get_max_x    returns    180
```

