✓ **Congratulations! You passed!**
TO PASS 80% or higher

Keep Learning

GRADE
100%

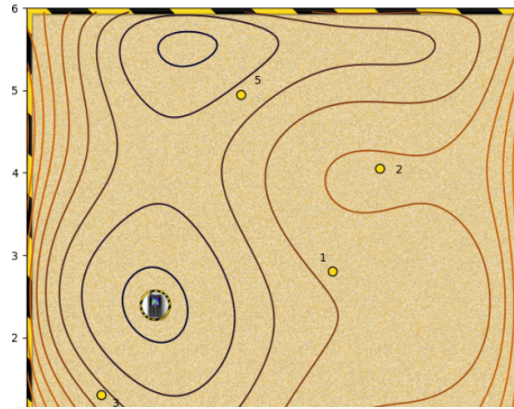# Optimisation scenarios

LATEST SUBMISSION GRADE
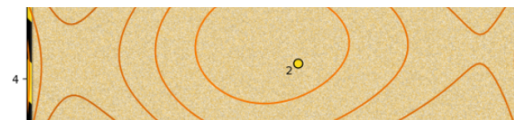## 100%

1. Given the following contour plot,   `1 / 1 point`

☐ Starting point 5

☐ None of the above

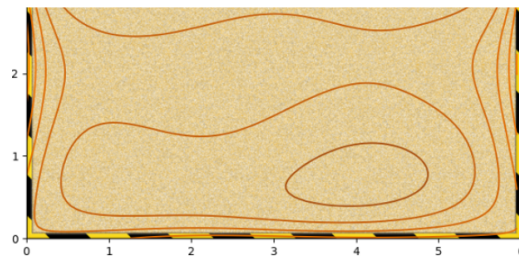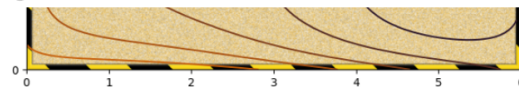☐ Starting point 1

☐ Starting point 2

☐ None of the above

4. What's happening in this gradient descent?   `1 / 1 point`

◉ The global minimum is in a wide and flat basin, so convergence is slow.

◯ None of the other options.

◯ The algorithm is getting stuck near saddle points.

◯ The marked points are saddle points.

◯ None of the other options.

◯ There is noise in the system

◉ The Jacobian at the starting point is very large.

✓ **Correct**
This is causing the algorithm to overshoot. In one case into a different basin.