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## Quiz: Gradient Descent

### Instructions for Graded Review Questions

*How much time do I have to complete these questions?*

Unlimited. You can take as long you want to answer these questions.

*Can I go back to the videos to check something, then come back to these Review Questions?*

Yes, absolutely! These questions are for you to review what you've learned so far. Take your time.

*Do these Review Questions count towards my final grade?*

Yes, all of the review questions, combined together, are worth 50% of your total mark.

*How many chances do I get to answer these questions?*

It depends:

- For True/False questions, you only get one (1) chance.
- For any other question (that is not True/False), you get two (2) chances.

### How can I check my overall course grade?

You can check your grades by clicking on "Progress" in the top menu.

### Multiple Choice

1/1 point (graded)

In gradient descent, what happens when you select a learning rate that is too large?

☒ You may miss the minimum and your loss will start increasing

☐ It may take too long to converge to a minimum

☐ The loss function will become concave



Submit

You have used 1 of 2 attempts

✓ Correct (1/1 point)

### Multiple Choice

1/1 point (graded)

How do you select an initial parameter value for the first iteration of gradient descent?

☐ Set it to 100

☐ It should always be 0

☒ Randomly[Submit](#)

You have used 1 of 2 attempts

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✓ Correct (1/1 point)

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