

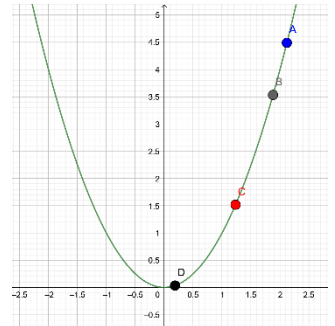
Quiz:

- What is the function $h_{\theta}(x) = \theta_0 + \theta_1 x$ called?
 - a) Hypothesis.
 - b) Cost function.
 - c) Evaluation metric.
- What does the function $h_{\theta}(x) = \theta_0 + \theta_1 x$ represent?
 - a) Multivariate linear regression.
 - b) Single variable linear regression.
 - c) Logistic regression.
- Is vector norm related to the cost function (True/false).

Explain why in brief.

- The function shown in the figure represents the cost function.

- a) Mean Absolute Error (MAE).
- b) Mean Squared Error (MSE).
- c) Root Mean Square Error (RMSE).



- Gradient descent can work with non-differentiable loss function (True/False).

Explain why in brief.