✓ **Congratulations! You passed!**

Grade received 100%   **Latest Submission Grade** 100%   **To pass** 80% or higher

Go to next item

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1.   1 / 1 point

In this lecture series, "cost" and "loss" have distinct meanings. Which one applies to a single training example?

☑ Loss

> ✓ **Correct**
> In these lectures, loss is calculated on a single training example. It is worth noting that this definition is not universal. Other lecture series may have a different definition.

☐ Cost

☐ Both Loss and Cost

☐ Neither Loss nor Cost

2.   1 / 1 point

For the simplified loss function, if the label $y^{(i)} = 0$, then what does this expression simplify to?

○ $\log(f_{\vec{w},b}(\mathbf{x}^{(i)})$

○ $-\log(1 - f_{\vec{w},b}(\mathbf{x}^{(i)})) - log(1 - f_{\vec{w},b}(\mathbf{x}^{(i)}))$

◉ $-\log(1 - f_{\vec{w},b}(\mathbf{x}^{(i)}))$

○ $\log(1 - f_{\vec{w},b}(\mathbf{x}^{(i)})) + log(1 - f_{\vec{w},b}(\mathbf{x}^{(i)}))$

> ✓ **Correct**
> When $y^{(i)} = 0$, the first term reduces to zero.