



1/1 point	4.	You are working on an automated check-out kiosk for a supermarket, and are building a classifier for apples, bananas and oranges. Suppose your classifier obtains a training set error of 0.5%, and a dev set error of 7%. Which of the following are promising things to try to improve your classifier? (Check all that apply.)  Increase the regularization parameter lambda  Correct
		Decrease the regularization parameter lambda
		Un-selected is correct
		Get more training data
		Correct
		Use a bigger neural network
		Un-selected is correct
~	5.	What is weight decay?
1/1 point		Gradual corruption of the weights in the neural network if it is trained on noisy data.
		A regularization technique (such as L2 regularization) that results in gradient descent shrinking the weights on every iteration.
		Correct
		A technique to avoid vanishing gradient by imposing a ceiling on the values of the weights.
		The process of gradually decreasing the learning rate during training.
<b>~</b>	6.	What happens when you increase the regularization hyperparameter lambda?
1/1 point		Weights are pushed toward becoming smaller (closer to 0)
		Correct
		Weights are pushed toward becoming bigger (further from 0)
		Doubling lambda should roughly result in doubling the weights
		Gradient descent taking bigger steps with each iteration (proportional to lambda)
~	7.	With the inverted dropout technique, at test time:
1 / 1 point		You do not apply dropout (do not randomly eliminate units), but keep the 1/keep_prob factor in the calculations used in training.
		You apply dropout (randomly eliminating units) and do not keep the 1/keep_prob factor in the calculations used in training
		You apply dropout (randomly eliminating units) but keep the 1/keep_prob factor in the calculations used in training.





