✓ Congratulations! You passed!

Next Item

~	1.	If you have 10,000,000 examples, how would you split the train/dev/test set?
1 / 1 point		
		98% train . 1% dev . 1% test
		Correct
		33% train . 33% dev . 33% test
		60% train 20% dev 20% test

~

2. The dev and test set should:

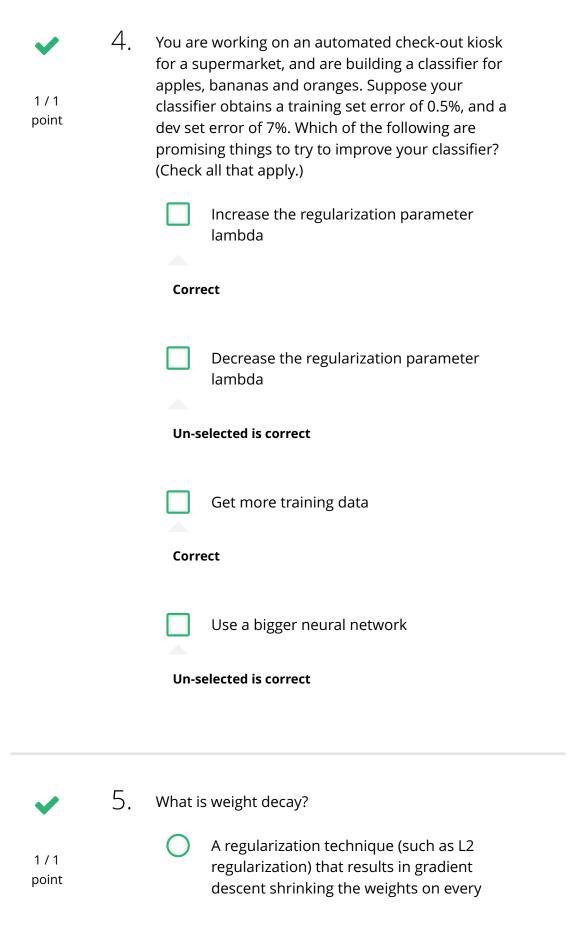
1/1 point

Come from the same distribution

Correct

Come from different distributions

Practical as Quiz, 10 questions	Be identical to each other (same (x,y)) aspects of deep lear ring Have the same number of examples					
	X 0/1 point	bias, wl things t	Neural Network model seems to have high hat of the following would be promising to try? (Check all that apply.) Make the Neural Network deeper			
		This s	Add regularization should not be selected			
		Un-se	Get more test data			
		This s	Increase the number of units in each hidden layer should be selected			
		This	Get more training data should not be selected			





With the inverted dropout technique, at test time:

1 / 1 point	7.	You do not apply dropout (do not randomly eliminate units) and do not keep the 1/keep_prob factor in the calculations used in training Correct
		You apply dropout (randomly eliminating units) and do not keep the 1/keep_prob factor in the calculations used in training
		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) but keep the 1/keep_prob factor in the calculations used in training.
1/1	8.	Increasing the parameter keep_prob from (say) 0.5 to 0.6 will likely cause the following: (Check the two that apply)
point		Increasing the regularization effect
		Un-selected is correct
		Reducing the regularization effect
		Correct

		Causing the neural network to end up with a higher training set error
		Un-selected is correct
		Causing the neural network to end up with a lower training set error Correct
~	9.	Which of these techniques are useful for reducing variance (reducing overfitting)? (Check all that apply.)
1 / 1 point		Vanishing gradient
		Un-selected is correct
		L2 regularization
		Correct
		Dropout
		Correct
		Gradient Checking
		Un-selected is correct

	Exploding gradient
	Un-selected is correct
	Xavier initialization
	Un-selected is correct
	Data augmentation
	Correct
~	10. Why do we normalize the inputs x ?
1 / 1 point	Normalization is another word for regularizationIt helps to reduce variance
	It makes the parameter initialization faster
	It makes the cost function faster to optimize

It makes it easier to visualize the data

Correct





