		embedding vectors should be 10000 dimensional, so as to capture the full range of variation and meaning in those words.
		True
		False
	2.	What is t-SNE?
1 Z. point 3.	۷.	A linear transformation that allows us to solve analogies on word vectors
		A non-linear dimensionality reduction technique
		A supervised learning algorithm for learning word embeddings
		An open-source sequence modeling library
	3	Suppose you download a pre-trained word embedding which has been trained on a huge
point 3.	J.	corpus of text. You then use this word embedding to train an RNN for a language task of recognizing if someone is happy from a short snippet of text, using a small training set.
		x (input text) y (happy?)
		I'm feeling wonderful today! 1 I'm bummed my cat is ill. 0
		Really enjoying this!
		Then even if the word "ecstatic" does not appear in your small training set, your RNN might reasonably be expected to recognize "I'm ecstatic" as deserving a label $y=1.$
		True a
		True  False
1 point	4.	Which of these equations do you think should hold for a good word embedding? (Check all that apply)
		$igcup_{boy} - e_{girl} pprox e_{brother} - e_{sister}$
		$igcelle{e} = e_{boy} - e_{girl} pprox e_{sister} - e_{brother}$
		$oxed{egin{array}{c} e_{boy} - e_{brother} pprox e_{girl} - e_{sister} \end{array}}$
		$oxed{egin{array}{c} e_{boy} - e_{brother} pprox e_{sister} - e_{girl} \end{array}}$
1	5.	Let $E$ be an embedding matrix, and let $o_{1234}$ be a one-hot vector corresponding to word
point		1234. Then to get the embedding of word 1234, why don't we call $E st o_{1234}$ in Python?
		It is computationally wasteful.
		The correct formula is $E^T st o_{1234}$ .
		This doesn't handle unknown words ( <unk>).</unk>
		None of the above: calling the Python spinnet as described above is fine
		None of the above: calling the Python snippet as described above is fine.
1	6.	When learning word embeddings, we create an artificial task of estimating
1 point	6.	
1 point	6.	When learning word embeddings, we create an artificial task of estimating $P(target \mid context)$ . It is okay if we do poorly on this artificial prediction task; the more
1 point	6.	When learning word embeddings, we create an artificial task of estimating $P(target \mid context)$ . It is okay if we do poorly on this artificial prediction task; the more important by-product of this task is that we learn a useful set of word embeddings.
1 point	<ul><li>6.</li><li>7.</li></ul>	When learning word embeddings, we create an artificial task of estimating $P(target \mid context)$ . It is okay if we do poorly on this artificial prediction task; the more important by-product of this task is that we learn a useful set of word embeddings.
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