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1. To use word embeddings in TensorFlow, in a Sequential model, what is the name of the layer?   `1 / 1 point`

- ◯ tf.keras.layers.Word2Vector
- ◯ tf.keras.layers.Embed
- ⦿ tf.keras.layers.Embedding
- ◯ tf.keras.layers.WordEmbedding

> ✓ **Correct**
> That's right!

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2. Using the default settings, what does the 'max_tokens' parameter do when initializing the TextVectorization layer?   `1 / 1 point`

- ⦿ It specifies the maximum size of the vocabulary, and picks the most common 'max_tokens - 2' words
- ◯ It specifies the maximum size of the vocabulary, and picks the most common 'max_tokens' words
- ◯ It specifies the maximum size of the vocabulary, and picks the most common 'max_tokens - 1' words
- ◯ It errors out if there are more than max_tokens distinct words in the corpus

> ✓ **Correct**
> That's right! This includes the 0 index for padding and 1 for out-of-vocabulary words.

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3. What is the name of the TensorFlow library containing common data that you can use to train and test neural networks?   `1 / 1 point`

- ◯ TensorFlow Data Libraries
- ◯ TensorFlow Data
- ⦿ TensorFlow Datasets
- ◯ There is no library of common data sets, you have to use your own

> ✓ **Correct**
> Correct!

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4. What is the purpose of the embedding dimension?   `1 / 1 point`

- ◯ It is the number of letters in the word, denoting the size of the encoding
- ◯ It is the number of words to encode in the embedding
- ⦿ It is the number of dimensions for the vector representing the word encoding
- ◯ It is the number of dimensions required to encode every word in the corpus

> ✓ **Correct**
> That's right!

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5. IMDB Reviews are either positive or negative. What type of loss function should be used in this scenario?   `1 / 1 point`

- ◯ Adam
- ⦿ Binary crossentropy
- ◯ Categorical crossentropy
- ◯ Binary Gradient descent

> ✓ **Correct**
> Correct!

6. How are the labels for the IMDB dataset encoded? 1 / 1 point

○ Reviews encoded as a boolean true/false

◉ Reviews encoded as a number 0-1

○ Reviews encoded as a number 1-10

○ Reviews encoded as a number 1-5

⊘ **Correct**
Correct!

7. How many reviews are there in the IMDB dataset and how are they split? 1 / 1 point

◉ 50,000 records, 50/50 train/test split

○ 60,000 records, 80/20 train/test split

○ 60,000 records, 50/50 train/test split

○ 50,000 records, 80/20 train/test split

⊘ **Correct**
That's right!