1. Out of the 11 words in *selected_words*, which one is most used in the reviews in the dataset?

- ○ awesome
- ○ love
- ○ hate
- ○ bad
- ◉ great

2. Out of the 11 words in *selected_words*, which one is least used in the reviews in the dataset?

- ◉ wow
- ○ amazing
- ○ terrible
- ○ awful
- ○ love

3. Out of the 11 words in *selected_words*, which one got the most positive weight in the *selected_words_model*?

- ○ **amazing**
- ○ **awesome**
- ◉ **love**
- ○ **fantastic**
- ○ **terrible**

4. Out of the 11 words in *selected_words*, which one got the most negative weight in the *selected_words_model*?

- ○ **horrible**
- ◉ **terrible**
- ○ **awful**
- ○ **hate**
- ○ **love**

5. In what range is the accuracy of the *selected_words_model* on the *test_data*?

- ○ **0.811 to 0.841**
- ◉ **0.841 to 0.871**
- ○ **0.871 to 0.901**
- ○ **0.901 to 0.931**

6. In what range is the accuracy of the *sentiment_model* in the IPython Notebook from lecture on the *test_data*?

- 0.811 to 0.841
- 0.841 to 0.871
- 0.871 to 0.901
- **0.901 to 0.931**

7. In what range is the accuracy of simply predicting the majority class on the *test_data*?

- **0.811 to 0.841**
- 0.841 to 0.871
- 0.871 to 0.901
- 0.901 to 0.931

8. How do you compare the different learned models with the baseline approach where we are just predicting the majority class?

- They all performed about the same.
- The model learned using all words performed *much better* than the one using the only the *selected_words*. And, the model learned using the *selected_words* performed much better than just predicting the majority class.
- **The model learned using all words performed much better than the other two. The other two approaches performed about the same.**
- Predicting the simply majority class performed much better than the other two models.

9. In what range is the *'predicted_sentiment'* for the most positive review for *'Baby Trend Diaper Champ'* according to the *sentiment_model* from the IPython Notebook from lecture?

- ○ **Below 0.7**
- ○ **0.7 to 0.8**
- ○ **0.8 to 0.9**
- ◉ **0.9 to 1.0**

10. Consider the most positive review for *'Baby Trend Diaper Champ'* according to the *sentiment_model* from the IPython Notebook from lecture. In what range is the predicted_sentiment for this review, if we use the *selected_words_model* to analyze it?

- ○ **Below 0.7**
- ◉ **0.7 to 0.8**
- ○ **0.8 to 0.9**
- ○ **0.9 to 1.0**

11. Why is the value of the *predicted_sentiment* for the most positive review found using the *sentiment_model* much more positive than the value predicted using the *selected_words_model*?

- ○ **The *sentiment_model* is just too positive about everything.**
- ○ **The *selected_words_model* is just too negative about everything.**
- ○ **This review was positive, but used too many of the negative words in *selected_words*.**
- ◉ **None of the *selected_words* appeared in the text of this review.**