Use this graphic organizer to guide you through making the predictions you need.

What is your guiding question in this project?

What can you plug into your explanatory variable in your regression model in order to answer the question above? Plug it into your equation/model and make your prediction.

Explain if the equation you obtained for your variables is a good fit for the data. Justify your response with the residual plot and the r-squared value.

Would you trust predictions made from this regression equation? All predictions or just some? Explain using evidence from the residual plot and r-squared value.