

Question	3 - Meets	2 - Approaching	1 - Developing
1.	<ul style="list-style-type: none"> Response references the ways randomness is embedded in LLMs, and which may or may not be present in humans' language production (lack of intention). Response references the ways that LLMs lack creativity compared with humans (reproduction rather than creation). 	<ul style="list-style-type: none"> Response references <u>either</u> the randomness of LLMs or their lack of creativity. 	<ul style="list-style-type: none"> Response includes no comparisons between human and machine writing. Or is left blank
2a.	<ul style="list-style-type: none"> Fills first blank with "City" <u>and</u> fills second blank with "City" 	<ul style="list-style-type: none"> Fills only the first blank with "City" 	<ul style="list-style-type: none"> Does not use the word "City" Or is left blank
2b.	<ul style="list-style-type: none"> Multiplies $\frac{1}{4} * \frac{1}{4}$ to get $\frac{1}{16}$. 	<ul style="list-style-type: none"> Uses the probabilities of $\frac{1}{4}$ and $\frac{1}{4}$, but performs an operation other than multiplication or no operation at all 	<ul style="list-style-type: none"> Uses a probability other than $\frac{1}{4}$ (for example, $\frac{1}{2}$) Or is left blank
2c.	<ul style="list-style-type: none"> Fills first blank with "Creating" <u>and</u> fills second blank with "Art" 	<ul style="list-style-type: none"> Fills first blank with "Creating" 	<ul style="list-style-type: none"> Fills the first blank with "Being" and the second blank with "Kind" or "Helpful" Or is left blank
2d.	<ul style="list-style-type: none"> Multiplies $\frac{2}{10} * \frac{1}{2}$ to get $\frac{1}{10}$ 	<ul style="list-style-type: none"> Uses the probabilities $\frac{2}{10}$ and $\frac{1}{2}$, but performs an operation other than multiplication or no operation at all 	<ul style="list-style-type: none"> Uses probabilities other than $\frac{2}{10}$ and $\frac{1}{2}$. Or is left blank

2e.	<ul style="list-style-type: none"> Says the sentences in parts c&d made more sense than those from parts a&b. Response references that the second set of sentences took into account the context of the surrounding words. 	<ul style="list-style-type: none"> Says the sentences in parts c&d made more sense than those from parts a&b, but does not elaborate on why. 	<ul style="list-style-type: none"> Says the sentences in parts a&b made more sense Or is left blank
2f.	<ul style="list-style-type: none"> Response includes how bias embedded in text data (i.e. the fact that language models are built on language data where masculine pronouns are associated with words like “adventure” where as female pronouns are not) Response includes how creating text that reproduces these biases is harmful or perpetuates stereotypes. 	<ul style="list-style-type: none"> Response references <u>either</u> bias embedded in data <u>or</u> the dangers of reproducing text with implicit bias. 	<ul style="list-style-type: none"> Response does not reference bias embedded in data or the dangers of reproducing text with implicit bias.
3.	<ul style="list-style-type: none"> Response indicates that the language model would need to use text data gathered about the student’s life or generated by the student 	<ul style="list-style-type: none"> Response indicates that text data is needed, but is unclear about what information the text should be about. <u>OR</u> response references information about the student’s life, but not that text in particular is needed. 	<ul style="list-style-type: none"> Response mentions only things other than text or data related to the student’s life Or is left blank.

4.	<p>Response references any two of the following:</p> <ul style="list-style-type: none"> • Spreading misinformation • Spreading biased information • Difficulty collecting enough text • Loss of voice/creativity • Impersonation • Misrepresenting self • Other responses that reasonably address risks associated with LLMs 	<p>Response references any one of the following:</p> <ul style="list-style-type: none"> • Spreading misinformation • Spreading biased information • Difficulty collecting enough text • Loss of voice/creativity • Impersonation • Misrepresenting self • Other responses that reasonably address risks associated with LLMs 	<p>Response does not make reference to any items on the list.</p>