

Name:

Date:

Color:

Prompt:

You are a microbiologist. You just found a cell that does not have a _____ that works.

- What are at least two consequences that the cell will have to deal with?
- What other organelles might be affected?

Choose only 1 cell part from the list below to fill in the blank and write about:

Endoplasmic reticulum peroxisomes lysosomes centrosomes vesicles
golgi body RNA protein chromosomes

Brainstorm: What are two things that will happen because that organelle doesn't work? Is it a process we learned about? Will it not be able to work with another organelle?

Write a couple notes describing those two things:

1.

2.

Your written response should include:

- an opening topic sentence
- at least two "events" (or other organelles affected) that will happen in your cell a supporting detail/explanation for each "event"
- a conclusion sentence that wraps up your writing

Response:

Rubric

Paragraph structure	Good use of vocabulary	Two logical ideas	Two correct explanations	Logical summary	Total
2	4	2	8	4	20

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Word Reference

active transport ATP carbon dioxide cell membrane cell wall centrosome chlorophyll chloroplast chromosome cytoplasm diffusion	DNA endoplasmic reticulum engulfing equilibrium glucose golgi body mitochondria mitosis neuron nucleus osmosis	oxygen passive transport photosynthesis protein red blood cell respiration ribosomes RNA vacuole vesicles water
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