NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ # 11/26/18

Circle which color grasshopper will most likely survive? Green Brown

What physical trait helps it survive? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

We can expect that most of the grasshoppers that survive will be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

This means that the population of grasshoppers in this area will eventually become mostly

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in color.

This is because the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ grasshoppers are able to survive and reproduce. Their

offspring will MOST LIKELY inherit their trait of skin color.

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Circle which color bear would most likely survive in the Arctic? Dark brown Light brown

Explain why you think that? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Explain what you think this picture represents? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Explain **why** you think brown bears cannot survive well in a polar habitat? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Explain **why** you think polar bears can survive well in a polar habitat? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Think of animal that could not survive at all in a polar habitat: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Explain why you think that? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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In environment A: Circle which color beetles would most likely survive? Tan Green

Explain why. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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There was a drought in this environment. Picture B shows what the land looks like now.

Circle which color beetles would most likely survive now? Tan Green

Explain why. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Explain how the beetle population in this area went from having more green beetles to having more brown beetles.

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**EXIT TICKET:** Draw a picture, write an example, or give a definition that helps explain what natural selection is and how it works.