Weather & Climate

Name: _____
Date: _____

Unit Assessment

Multiple Choice

1. How can you tell the difference between a stratus and a stratonimbus cloud?
   a. A stratus cloud is small and a stratonimbus cloud is very tall.
   b. A stratonimbus cloud has a lighter color.
   c. A stratonimbus cloud is darker than a stratus cloud, and causes rain.
   d. A stratus cloud only covers part of the sky, and a stratonimbus cloud covers the whole sky.

2. Stratonimbus storms usually cause rain all day long because _____.
   a. the clouds are very wide so they spend a long time over one area.
   b. there is no hail in stratonimbus storms.
   c. they turn into cumulus clouds.
   d. they turn into stratus clouds.

3. Tropical climate zones are very wet and humid because _____.
   a. the temperature is cold.
   b. they have many types of plants.
   c. the Earth travels in a circle around the sun.
   d. sunbeams shine directly on them, causing more water evaporation and rainfall.

Short Answer

1. Where do clouds come from?

_____

_____

_____

2. Imagine a rain cloud is coming towards you. Choose which kind of rain cloud it's going to be! **Draw** a picture of what you see, then describe your cloud below.

Type of rain cloud: _____

How long will this storm last? _____

3. Which climate is being described below? (temperate, polar, tropical, mild or desert) Write the answer in the blank.

a) Animals that live here have blubber or thick fur: _____
b) Trees lose their leaves in the autumn: _____
c) Many animals hibernate in winter, come back out in springtime: _____
d) It's hot in December and in June: _____
e) Animals that live here don't pant to cool off, otherwise they would lose water: _____
f) It's cold in December and in June: _____
g) It doesn't rain here very much, ever: _____
h) Winters here are nice and warm, but not hot: _____

4. Scientists have discovered a new species of dog. It has very large ears and a small mouth, and it doesn't pant with its mouth open like other dogs. What climate do you think this dog could be from? Explain.

_____

_____

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