

Name _____

Score _____

Weekend HW # 8

1) What is the contour interval of this map? _____

2) Where is the steepest slope located on Mt. Fleming? Answer in one or more complete sentences.


3) State the direction in which Abbott Brook is flowing. _____

4) On the map draw a path using arrows (→→→) from the Church in Slatteryville to Fox Swamp, changing as little elevation as possible.

5) As a person travels from Gates Estate to Fox Swamp what happens to the altitude of Polaris? Explain your answer in one or more complete sentences.

6) Which section of Brideson River has the greatest volume of water? Explain your answer in one or more complete sentences.

7) What is the maximum elevation of the fire tower on Mt. Fleming. _____

8) Place an  where the lowest elevation on the contour map would be found.

9) State the latitude and longitude of the center of the State Park.

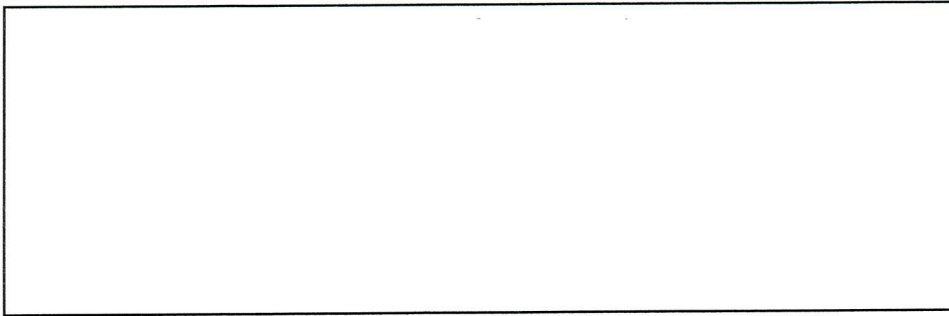
Latitude _____ Longitude _____

10) Determine the gradient between the Church in Slatteryville and the fire tower (use answer from question 7) on Mt. Fleming? You must follow the steps below:

Step 1: Write the equation for gradient

Step 2: Substitute the data into the equation using proper units

Step 3: Solve the equation using proper units and rounding to the nearest tenths.



11) A proposed dam (indicated on the map) if built would raise the water level of Brideson River (elevation 560 meters immediately behind the dam) a maximum of 75 meters creating an artificial lake. Lightly shade in the area of the map that would now be covered by the lake.

12) Which area of the map of the map would probably have snow on the ground for the longest period of time. Explain your answer in one or more complete sentences.

