



## MOUNTAIN ACTIVITY 4

STUDENT RESPONSE PAGE

NAME \_\_\_\_\_

**HOW DO THE GAMBURTSEV PEAKS COMPARE TO PEAKS IN YOUR AREA?**

**HOW TALL ARE THESE PEAKS?**

**1. RECORD THE HEIGHT OF THE HIGHEST PEAK IN EACH IMAGE**

**IMAGE 1** \_\_\_\_\_ **IMAGE 2** \_\_\_\_\_ **IMAGE 3** \_\_\_\_\_

**2. WHICH IMAGE HAS THE HIGHEST PEAK?** \_\_\_\_\_

**3. ARE THE GAMBURTSEV PEAKS SHOW HERE AS TALL AS THE FINSTERAARHORN PEAK?** \_\_\_\_\_

**4. WHAT IS THE HEIGHT DIFFERENCE IN METERS? \_\_\_\_\_ FEET? \_\_\_\_\_**

**5. ESTIMATE AN AVERAGE HEIGHT FOR EACH OF THE MOUNTAIN SECTIONS A \_\_\_\_\_ B \_\_\_\_\_ C \_\_\_\_\_**

**COMPARE TO YOUR LOCAL MOUNTAIN**

**6. LOCATE YOUR STATE ON THE LIST AND RECORD THE HIGHEST PEAK LISTED.** \_\_\_\_\_

**7. WHICH IS HIGHER, YOUR STATE PEAK OR THE GAMBURTSEVS?**  
\_\_\_\_\_

**8. WHAT IS THE DIFFERENCE IN HEIGHT?** \_\_\_\_\_

**9. DO YOU THINK THE PEAKS IN YOUR STATE WERE EVER BURIED UNDER ICE?** \_\_\_\_\_

**10. EXPLAIN YOUR ANSWER**

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Lamont-Doherty Earth Observatory

For more activities see: <http://www.ldeo.columbia.edu/edu/polareducation/>

