Cloudmaker Mountain and Beardmore Glacier Antarctica

1. How high is the top of the Cloudmaker above the Beardmore Glacier? Show how you work this out _______________
   _______________
   _______________

2. Describe the slope from the top of the Cloudmaker down to the glacier_________________________________________
   ___________________________________________________

3. If you went from the peak of the Cloudmaker to the spot height at 2660m (under the “H” of Hewson) how much height would you lose and then gain?
   __________________________________________________________________________

4. Describe the area behind the Cloudmaker away from the glacier as fully as you can ____________________________
   ___________________________________________________
   ___________________________________________________

5. Why are there so many crevasses in the glacier? _______________
   __________________________________________________________________________
   __________________________________________________________________________

6. What is the name of the highest mountain on the map? How high is it and how much higher is this than the Cloudmaker?
   __________________________________________________________________________

7. How far is it approximately from the Cloudmaker to Barnes Peak? In km distance and m in height difference.
   __________________________________________________________________________
**Answers** - Cloudmaker Mountain and Beardmore Glacier
Antarctica

1 1681m ± 200m – 1 mark; Spot height 2681m – 800m or 1000m contour on glacier. – 1 mark

2 Very steep – 1 mark. Rocky / little or no snow/ice – 1 mark

3 Lose 881m (2681 spot – 1800 contour) – 1 mark, Gain 860m (1800 contour – 2660 spot) – 1 mark.

4 Flat/plateau, idea of – 1 mark; High – 1 mark; More mountains/peaks – 1 mark;

5 Glacier is ice – 1 mark; Ice is solid/inflexible – 1 mark; Glacier floor/under-ice is not flat/smooth – 1 mark; Glacier moves/flows – 1 mark; Over bumps/unevenness, idea of – 1 mark; This cracks the ice and causes crevasses – 1 mark.

6 Mount Dickerson – 1 mark; 1439m (4120-2681) – 1 mark.

7 21 ± 4km – 1 mark; 679m – 1 mark.

Total = 19 marks