

Challenge 2. – Cathedral Peak, WY

Your team has now moved on to Yellowstone National Park in Wyoming for challenge 2.

Check Point	Instruction	Question	Answer
Start	Find the highest marked point on the map	What is the elevation of this point?	10124 feet
CP 1	Find UTM 0577645 4936580	How many contour lines are crossed on the flattest route between the Start and CP1?	15
CP 2	Plot a bearing from the Start of 25° from Grid North. Plot a bearing from CP 1 of 326° from Grid North.	What is the UTM of intersection of these two bearings?	0576890 4937690
CP 3	Bushwhack across country due West until you reach Bear Creek.	How many streams did you cross?	2
CP 4	Follow Bear Creek downstream to UTM 0577530 4938300	How many streams feed into Bear Creek between CP 3 and CP 4?	4
CP 5	Follow the creek flowing from the north to the first lake. Your team will be swimming.	What is the distance in meters from the southern most point of the lake to northern most point of the lake?	260 Meters
CP 6	Follow the stream to the North to the first stream intersection.	What's the distance in miles from the start of the stream to the stream intersection?	0.48 miles
CP 7	Follow the creek to the NE to its 3 rd crossing of the Pack trail.	How much elevation did you gain between CP 6 and CP 7?	200 feet
CP 8	Plot a bearing from CP 7 of 115.5° for 0.7 of a mile.	What is the elevation at this point?	9681 feet
CP 9	Follow the clear ground north to the park boundary and then follow the park boundary NW to the point marked 9490T.	What is the UTM of this point?	0577840 4941240
CP 10	Find Frost Lake cool off with a swim.	What is the bearing from CP 9 to the center of the letter 'o' in the Frost of Frost Lake?	250°
Finish	Go to www.ARNavigationalSupplies.com and check your answers		

