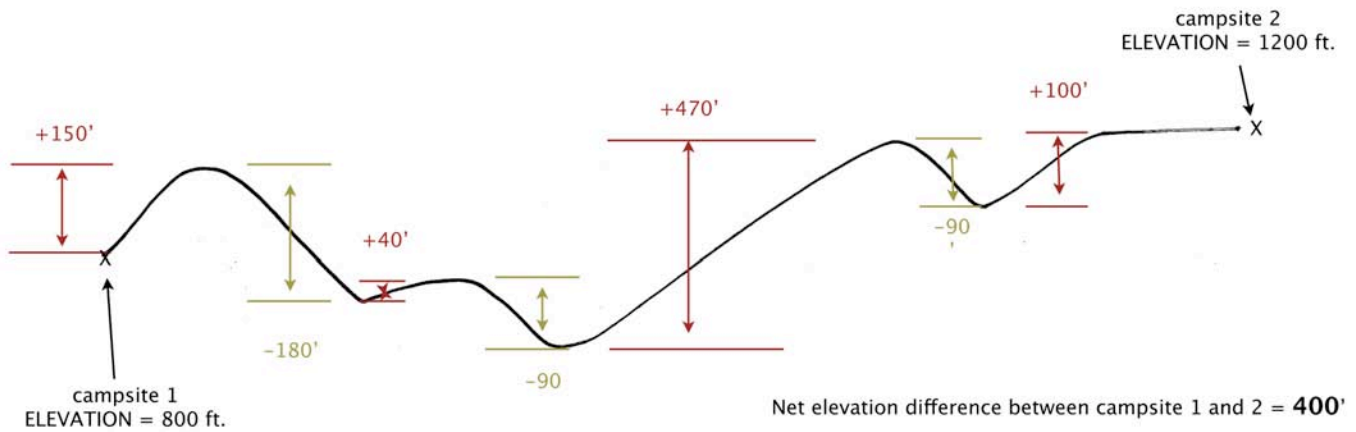


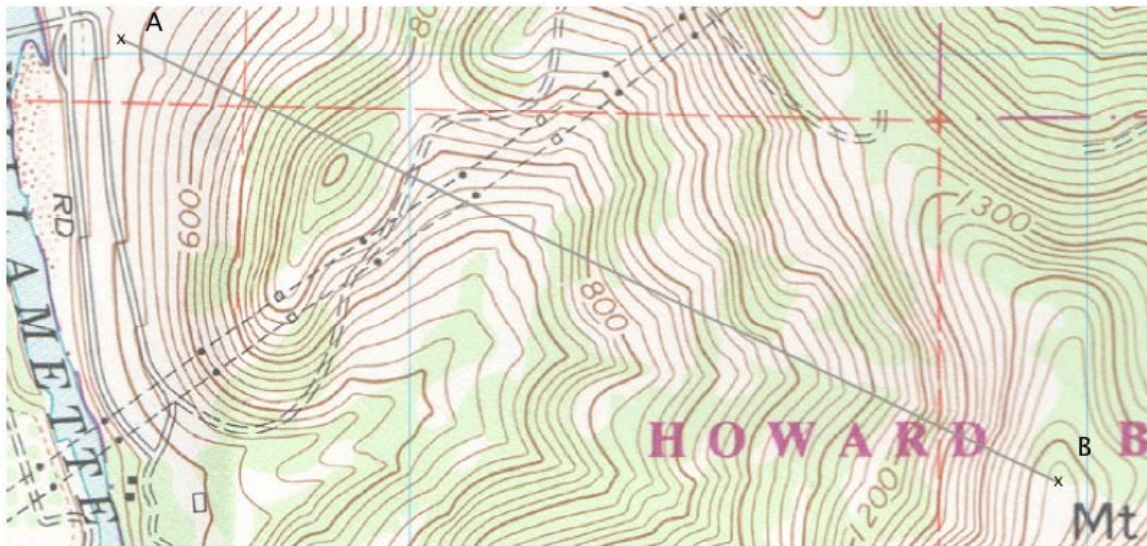
# CROSS SECTION OF A HIKING ROUTE OVER HILL AND DALE



Sum of ALL elevation gains along hiking route = **760'**

Sum of ALL elevation losses along hiking route = **-360'**

Difference between gains and losses should equal the net elevation difference of **400'**



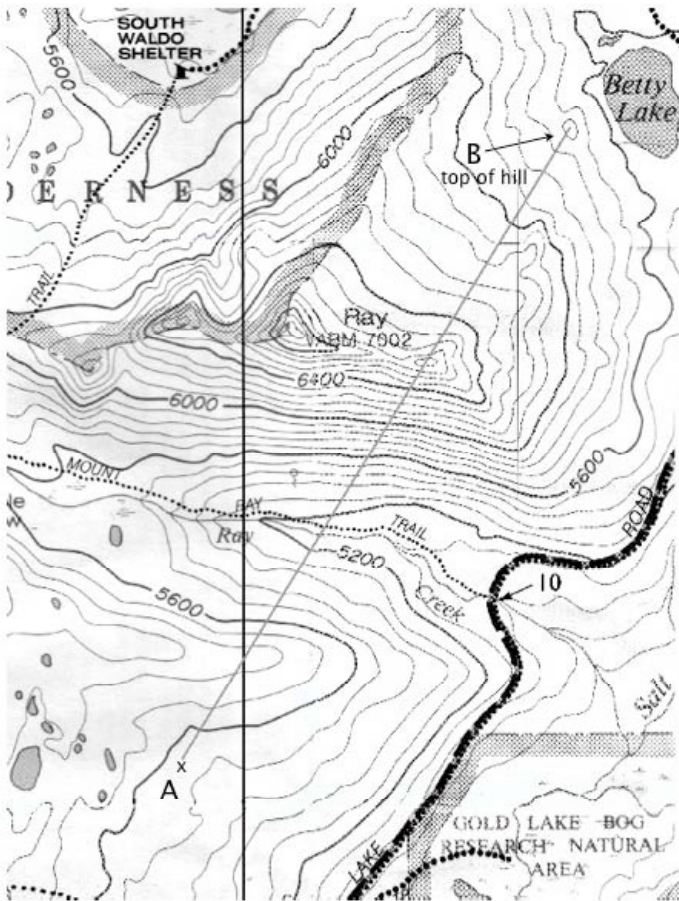
Elevation of Pt. A = **490 ft.**    Elevation of Pt. B = **1530 ft.**

Net elevation = **1530 ft. - 490 ft. = 1040 ft.**

Total elevation gains along line = **1220 ft.**    Total elevation losses along line = **-180 ft.**

Difference of these totals should equal net elevation difference

**1220 ft. - 180 ft. = 1040 ft.**



Elevation of Pt. A = 5560 ft.

Elevation of Pt. B = 5800 ft.

Net elevation =

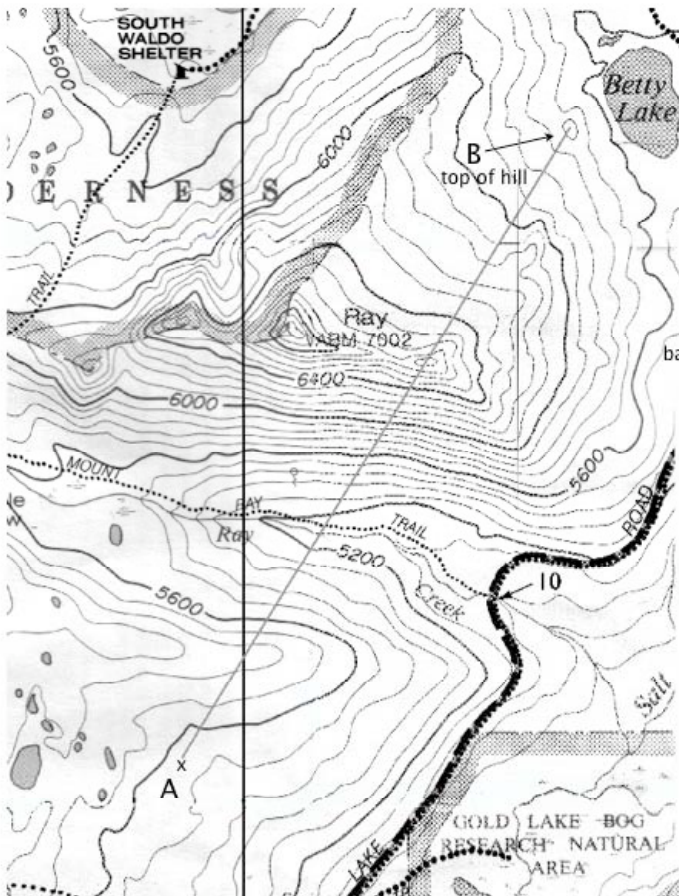
5800 ft. - 5560 ft. = 240 ft.

Total elev. gains along line = 1920 ft.

Total elev. losses along line = -1680 ft.

Difference of these totals should equal net elevation difference

5800 ft. - 5560 ft. = 240 ft.



+	-
A to ridgetop = 3	ridgetop to stream = 8
stream to peak = 20	peak to base of hill = 13
base of hill to top of hill = 1	
Ttl. contour lines crossed = 24	Ttl. contour lines crossed = 21
24 x 80 = 1920 ft.	21 x 80 = 1680 ft.

Net elevation difference = 240 ft.