

Homework 40 (Chap. 15.7), 15.00/40.00 (37.50%)

June 8, 2020

Problem 10 score: 5/10¹

where is b)?

Problem 18 score: 0/10²

you wrote the wrong integration interval. Inequality $0 \leq z \leq r^2$ should be $r^2 \leq z \leq 4$.

Problem 22 score: 10/10

good

Problem 30 score: 0/10

29,28 final answer should not depend on r .

Problem 31 score: /10

(a) you were asked to find a definite integral; you also assumed that mountain shape is a cone, although this assumption was not given

(b) did you perform conversion from lb to kg?

¹similar problems: 11,12

²similar problems: 19,20