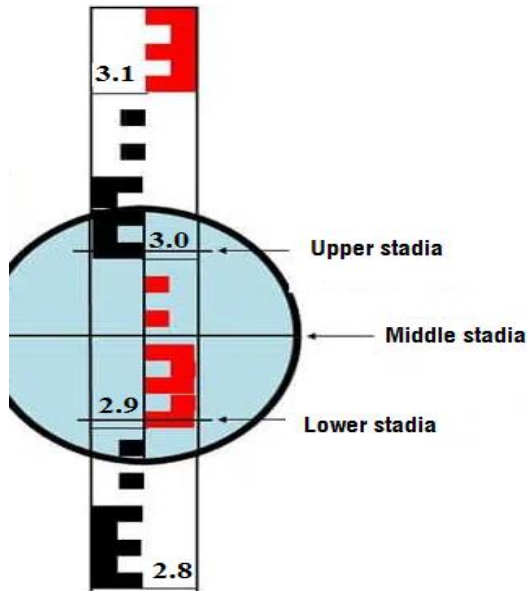| Tutorials |
| --- |

Exercise No. 1

A) What is the reading result on the leveling rod?
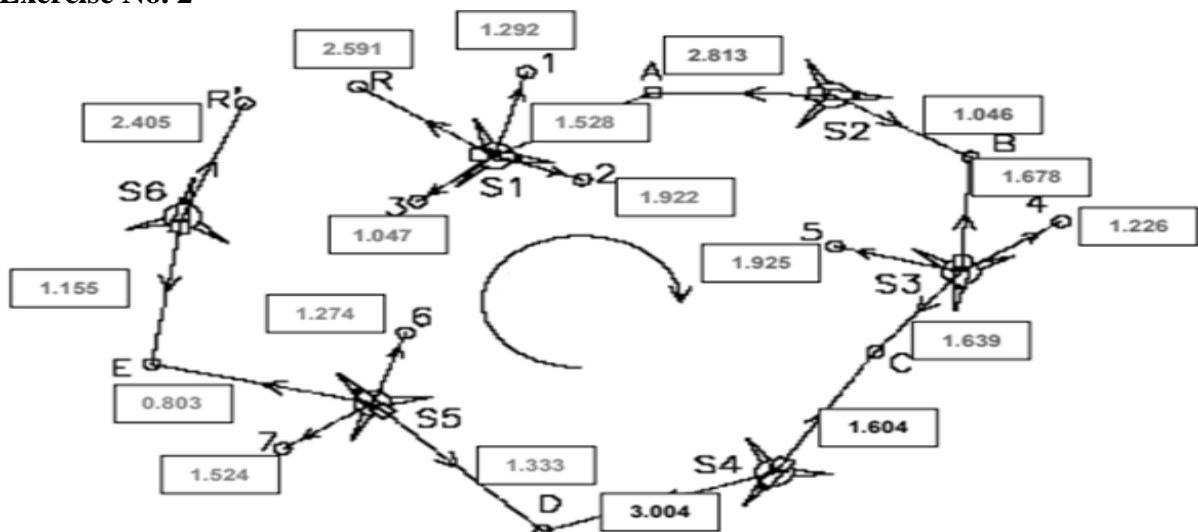
answer :

Upper stadia=

Middle stadia=

Lower stadia=

B) When reading the stadia hairs, determine the distance of the leveling rod relative to the level.

answer :

Exercise No. 2

A surveyor conducted a direct leveling survey by traversing through the points: R, A, B, C, D, E, and R'. The points 1, 2, 3, 4, 5, 6, and 7 radiating from stations S1, S3, and S5 as shown in the figure. *Calculate the elevations of points: R, 1, 2, 3, A, B, 4, 5, C, D, 6, 7, E, and R'.*

Initial elevation: 124.968 m.