

# Compare Valles Marineris to the Grand Canyon

## Which is deeper and by how much?

Valles Marineris  
Length=4000km  
Depth = 7km



vs. Grand Canyon  
Length=277mi  
Depth = 6000ft



Useful conversions:

A “5K” (short for 5 kilometer) run is 3.1miles long.

There are 5,280ft in one mile.

Do you think they could have been formed by similar mechanisms? Why or why not?