**Answer on Question #65063-Physics-Other**

If the value of V= -8.2 +/- 0.1 and the value of E=1.6 +/- 0.1 then what is the value of absolute uncertainty in V/E ?

**Solution**

The relative uncertainty of $\frac{V}{E}$ is

$$\frac{0.1}{8.2} + \frac{0.1}{1.6} = 0.0747$$

The value of absolute uncertainty in V/E is

$$0.0747 \left(\frac{8.2}{1.6}\right) = 0.4.$$

**Answer: 0.4.**