## C12-4.3-Cone/Sim Tri/Cos Law Related Rates Notes

A cone with a radius of 4 cm and height of 8 cm is filling with water with the height of the water level is increasing at a rate of $0.1 \mathrm{~cm} / \mathrm{s}$. What is the rate the volume is increasing when the height of the water is level 2 cm .

