Close and Check

of a sphere?
Do you UNDERSTAND?
4. Writing The height and diameter of a cylinder is equal to the diameter of a sphere. Explain the relationship between the volume of the sphere and the volume of the cylinder.
5. Reasoning A ball of twine has a diameter of 3.4 m. More twine is added until the diameter is 12 m. A classmate subtracts the diameters and uses the result to find the change in volume of the sphere. Is he correct? Explain.