Volume - Mixed Shapes

Find the volume of each shape. Round your answer to two decimal places. (use $\pi = 3.14$)

1)  
\[
\text{Volume} = \pi \times \text{radius}^2 \times \text{height}
\]

2)  
\[
\text{Volume} = \pi \times \text{radius}^2 \times \text{height}
\]

3)  
\[
\text{Volume} = \frac{1}{3} \pi \times \text{radius}^2 \times \text{height}
\]

4)  
\[
\text{Volume} = \frac{1}{3} \pi \times \text{radius}^2 \times \text{height}
\]

7) The base of a prism is a triangle with a base of 4.2 m and height of 7.5 m. Determine the volume of the prism, if its height is 8.7 mm.

8) The height of a cylinder is 8.2 mm and diameter is 9.8 mm. What is the volume of the cylinder? Round your answer to two decimal places. (use $\pi = 3.14$)

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