Volume of Prisms and Cylinders

1. A triangular prism has a base height of 6 inches and the base length of 8 inches. The prism's height is 13 inches. What is the volume of the triangular prism?

a. 300 cubic inches
b. 310 cubic inches
c. 312 cubic inches
d. 313 cubic inches

2. You have a rectangular prism that has a base of 7 inches by 11 inches. The height of the box is 15 inches. What is the volume of the box?

a. 1,155 cubic inches
b. 1,100 cubic inches
c. 155 cubic inches
d. 115 cubic inches

2. If the radius of the base of a cylinder is 6 inches, and the height of the cylinder is 12 inches, what is the volume of the cylinder?

a. 357 cubic inches
b. 135 cubic inches
c. 226.19 cubic inches
d. 1,356.48 cubic inches