Additional Volume Problems

1. Find the volume of a box whose dimensions are 3 feet by 3 feet by 5 feet. Express your answer in cubic feet.

2. Find the volume of a box whose dimensions are 3 feet by 3 feet by 15 inches. Express your answer in cubic feet.

3. Find the volume of a cylinder whose radius is 2 inches and whose height is 1.5 inches. Use 3.14 as an approximation for $\pi$.

4. Find the volume of a cylinder whose diameter is 6 inches and whose height is 10 inches. Use 3.14 as an approximation for $\pi$.

5. Find the volume of a cone whose radius is 5 feet and whose height is 5 feet. Use 3.14 as an approximation for $\pi$.

6. Find the volume of the Earth. The Earth’s radius is about 4000 miles. Use 3.14 as an approximation for $\pi$. 
Answers

1. 45 cubic feet
2. 11.25 cubic feet
3. 18.84 cubic feet
4. 282.6 cubic inches
5. about 130.8 cubic feet
6. about 267,946,666,666 cubic miles