Surface Areas of Solids

- 6.1 Drawing 3-Dimensional Figures
- 6.2 Surface Areas of Prisms

- 6.3 Surface Areas of Cylinders
- 6.4 Surface Areas of Pyramids
- 6.5 Surface Areas of Cones
- 6.6 Surface Areas of Composite Solids



"I want to paint my dog house. To make sure I buy the correct amount of paint, I want to calculate the lateral surface area."



"Then, because I want to paint the inside and the outside, I will multiply by 2. Does this seem right to you?"



"Dear Sir: Why do you sell dog food in tall cans and sell cat food in short cans?"



"Neither of these shapes is the optimal use of surface area when compared to volume."

