**Independent Practice:**

Correct Me if I am Wrong!

Now it is your turn to find my mistakes! Check my work below to see if I have made any mistakes. If you find my mistake then correct it. Explain what mistakes I have made using appropriate math terms. If the problem is worked correctly then mark it as “correct”!

1. Kahle and his brothers rolled 15 snowballs that had a diameter of 3 inches. What is the volume of all of the snowballs?
2. The water container on the back of the utility truck has a diameter of 1 foot and a height of 2 feet. There is 7.5 gallons of water per cubic foot. How many gallons of water does the cylindrical shaped container hold?

Volume x 7.5 gallons

1.57 x 7.5 = 11.775 gallons of water

1. The drinking cups that are supplied for the utility workers are cone-shaped paper cups. Each cup has a diameter of 3 inches and a height of 3 inches.
   1. What is the volume of water each cup will hold?
2. Kara is cooking a large amount of soup for a local soup kitchen. How many cans that have a radius of 2 inches and a height of 4 inches will it take to fill the large pot that has a circumference of 43.96 inches and a height of 14 inches?

43.96 8616.1650.24

171.5 cans