Crushed Bottle

1. On the Before picture, draw arrows showing where the air was going as the bottle was heated by hot water.

2. On the After picture, draw arrows showing where the pressure came from to collapse the bottle.

3. In the After picture, is the pressure outside the bottle higher or lower than the pressure inside the bottle? ________________

4. What does the experiment show about the movement of air?
   __________________________________________
   __________________________________________
   __________________________________________

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