



5) Climbers who go to the top of Mt. Everest, the tallest mountain on Earth, need to bring extra oxygen, because the air at that altitude is at very low pressure. Do you think the oxygen molecules in the air are closer together at the top of Mt. Everest or farther apart? How can your answer be explained by thinking about pressure?

6) On a really cold day you might notice that your car's tires look flat. Why does this happen (no air has leaked out)?