



1.As light from a star spreads out and weakens, do gaps form between the photons?

2.Can momentum be hidden to human eyes like how kinetic energy can be hidden as heat?

3.Can you make a shock wave of light by breaking the light barrier just like supersonic airplanes break the sound barrier?

4.How bad would a person's injuries be if an elevator's cables snapped at the 100th floor so that the elevator fell to the bottom?

5.Why were electrons chosen to be negatively charged? Wouldn't it make more sense to call electrons positively charged because when they move they make electricity?

6.How does a microwave oven heat up food even though it emits no thermal radiation?

7.If I'm on an elevator that breaks loose and plummets down the shaft, can I avoid harm by jumping at the last second?