

Answer some silly and not silly questions people may ask physicists:

*Possible structure of your answer:*

- First, acknowledge the interest of the question (you are asking us if...)
- Then state some physics rules (let's remember that, we know that, let us remind you that...)
- Then give a clear answer (so / therefore, the answer is no / So knowing this, one can guess that the answer is yes because...)

1. Why don't clouds fall down?
2. If I hold a pen in the air and release it, why does it fall down rather than up?
3. If energy is conserved, where did the energy for the Big Bang come from?
4. If matter and antimatter were created in equal quantities, why do we usually only find matter when we look?
5. Why do we always see the same side of the Moon from Earth?
6. How is light made?
7. If you fired a single electron on a double slit, what would you see on a screen placed behind the slit?
8. If you drive a car at the speed of light and turn on your headlights, what happens to the beam?
9. Why is the sky blue?
10. If you yell at a steak hard enough, can you cook it using only the kinetic energy of my sound waves?