State whether you agree or disagree with each of the following statements and explain why with supporting examples.

1. There are subatomic particles that have no mass and no charge.

2. Some particles can travel through billions of miles of matter without being stopped (interacting).

3. Antimatter is science fiction and not science.

4. The smallest components of the nucleus of an atom are protons and electrons.

5. Particles and antiparticles can materialize out of energy.

6. Particle physicists need larger accelerators in order to investigate larger objects.

7. Gravity is the strongest fundamental force of nature.
8. Friction is one of the fundamental forces of nature.