

Activity 8.13



Non-contact Forces – Comprehension

1. Use your textbook to help you fill in the blanks.
 - (a) Forces that can act on objects without direct _____ are called _____ forces.
 - (b) _____, _____ and _____ forces are non-contact forces.
 - (c) A magnet has _____ force. Magnetic force occurs due to the motion of _____ particles.
 - (d) _____ are created when there are unbalanced electrical charges inside an object.
 - (e) All objects have an invisible force that _____ on other objects. The force is called _____.
2. How does the mass of an object affect the magnitude of its gravitational force?
3. How does the distance between objects affect the magnitude of the gravitational force between them?