
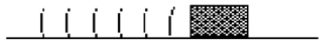
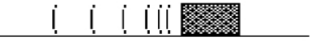


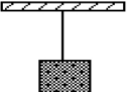
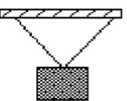
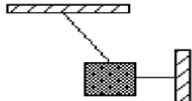
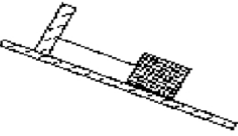



Forces: Worksheet 2

In each of the following situations, represent the object with a particle. Sketch all the forces acting upon the object, making the length of each vector represent the magnitude of the force.

| | |
|--|---|
| <p>1. Object lies motionless.</p>  | <p>2. Object slides at constant speed without friction</p>  |
| <p>3. Object slows due to kinetic friction.</p>  | <p>4. Object slides without friction.</p>  |
| <p>5. Static friction prevents sliding.</p>  | <p>6. An object is suspended from the ceiling.</p>  |
| <p>7. An object is suspended from the ceiling.</p>  | <p>8. The object is motionless.</p>  |
| <p>9. The object is motionless.</p>  | <p>10. The object is motionless.</p>  |