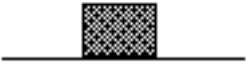
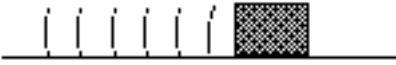
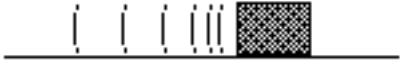


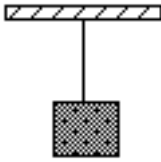
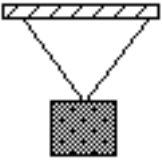

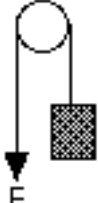
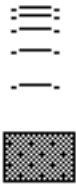


Physics

Unit 3: forces – Review Part 3

Name: _____ Block: _____

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 pulled by a force parallel to the surface.</p>  |
| <p>9. The object is pulled upward at constant speed.</p>  | <p>10. The object is falling (no air resistance).</p>  |

