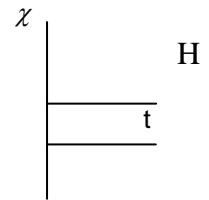
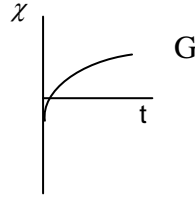
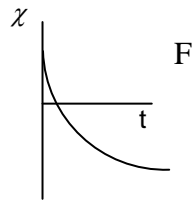
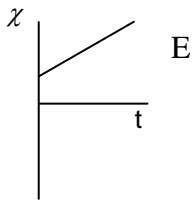
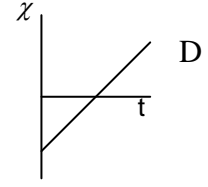
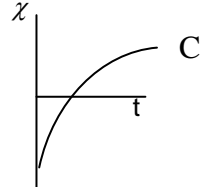
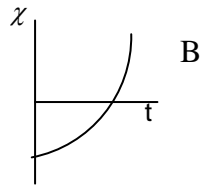
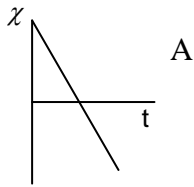


Name: _____

Date: _____

PHYS 152 – Pre-Lab #1



Match these position versus time (x vs t) grids with an appropriate description of the motion (below). More than one description may fit a position time grid and vice versa. One/more descriptions may not be used at all. Explain each association.

- (1) an object is moving forward along a straight line.
- (2) an object is moving backward along a straight line.
- (3) an object is moving upward along a straight line. (when upward is positive)
- (4) an object is moving downward along a straight line. (when upward is positive)
- (5) an object is moving forward along a curve.
- (6) an object is moving backward along a curve.
- (7) an object is moving upward along a curve. (when upward is positive)
- (8) an object is moving downward along a curve. (when upward is positive)
- (9) an object is moving faster gradually (accelerating).
- (10) an object is moving slower gradually (braking).

- | | | |
|---|---------|---------|
| A | & _____ | Explain |
| B | & _____ | Explain |
| C | & _____ | Explain |
| D | & _____ | Explain |
| E | & _____ | Explain |
| F | & _____ | Explain |
| G | & _____ | Explain |
| H | & _____ | Explain |