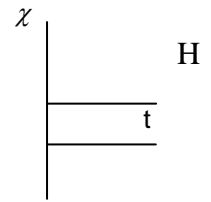
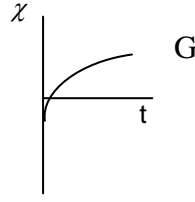
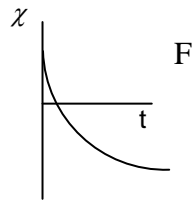
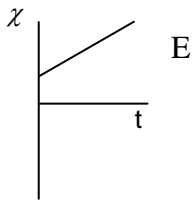
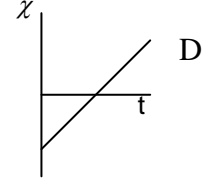
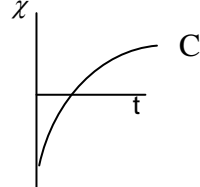
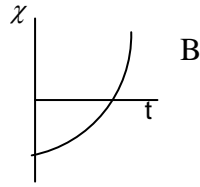
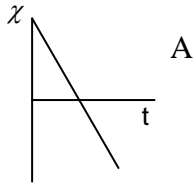


Name: \_\_\_\_\_

Date: \_\_\_\_\_

### PHYS 201 – 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 forward along a curve.
- (4) an object is moving backward along a curve.
- (5) an object is moving faster gradually (accelerating).
- (6) an object is moving slower gradually (braking).

- A & \_\_\_\_\_ Explain
- B & \_\_\_\_\_ Explain
- C & \_\_\_\_\_ Explain
- D & \_\_\_\_\_ Explain
- E & \_\_\_\_\_ Explain
- F & \_\_\_\_\_ Explain
- G & \_\_\_\_\_ Explain
- H & \_\_\_\_\_ Explain