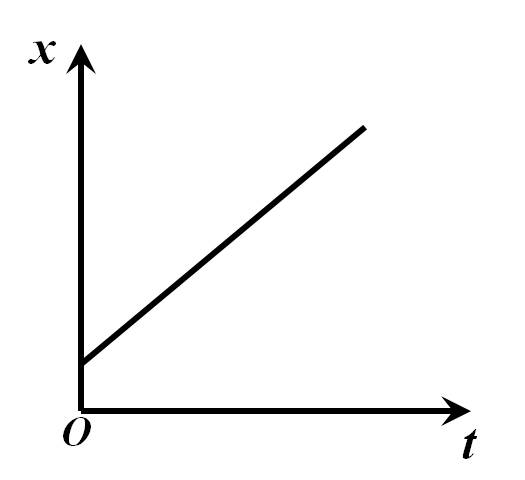
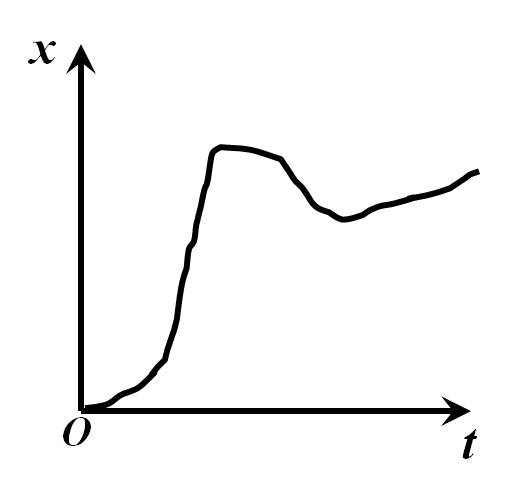
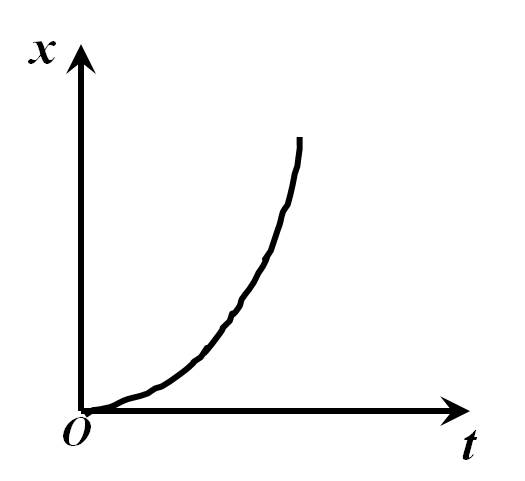
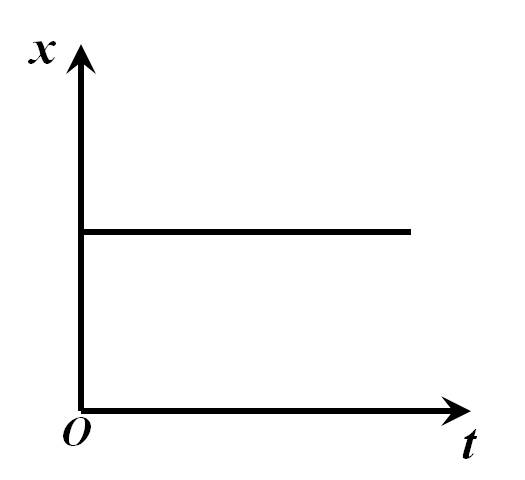
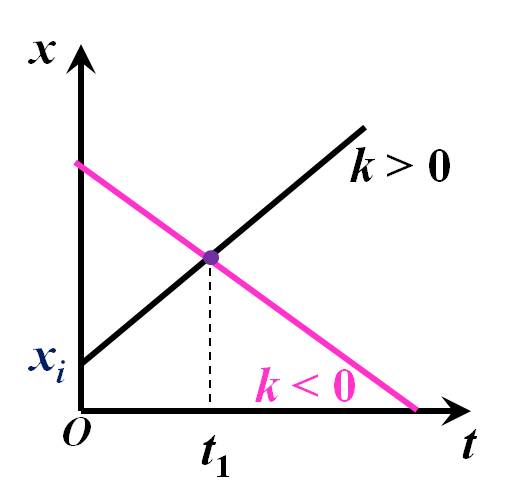
**§2.4 Graph Analysis**

**Grade\_\_\_\_\_\_ Class\_\_\_\_\_\_\_ Name\_\_\_\_\_\_\_\_**

**【*x*-*t* graph】**

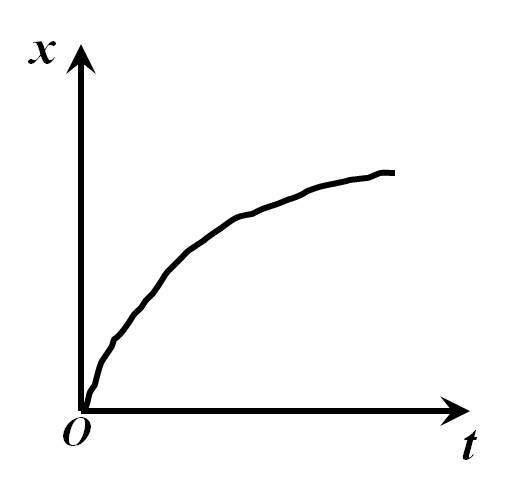
表示\_\_\_\_\_\_\_\_\_随\_\_\_\_\_\_\_\_的变化规律，而非物体的实际轨迹！

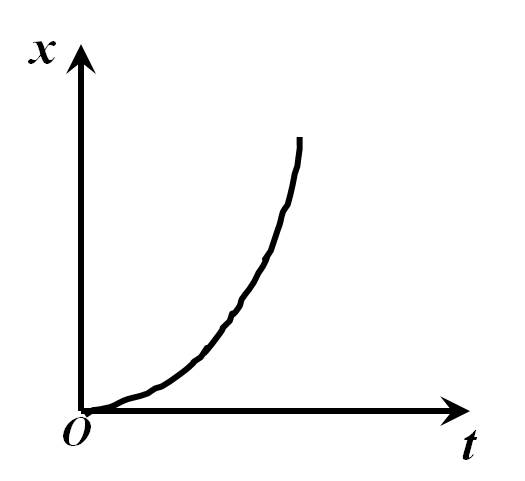
1.

2. slope *k*表示\_\_\_\_\_\_\_\_\_\_  
 *k* > 0表示\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
 *k* < 0表示\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. 图线在*t*1时刻相交表示­­­­­­­­­­­­­­­­­­­­­­两物体\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. 纵轴截距*xi*表示物体的\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.



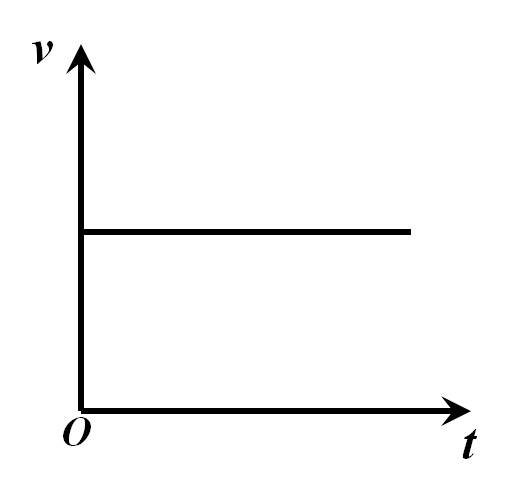
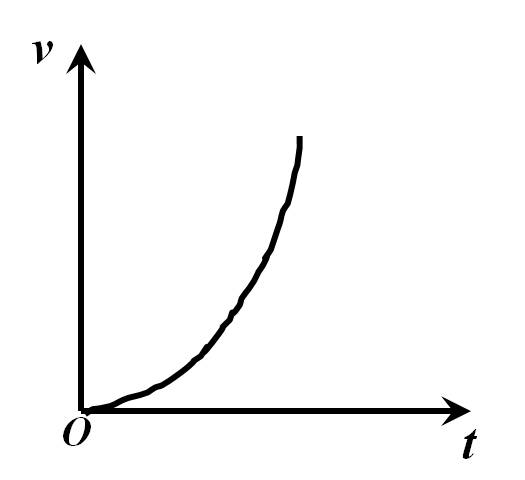
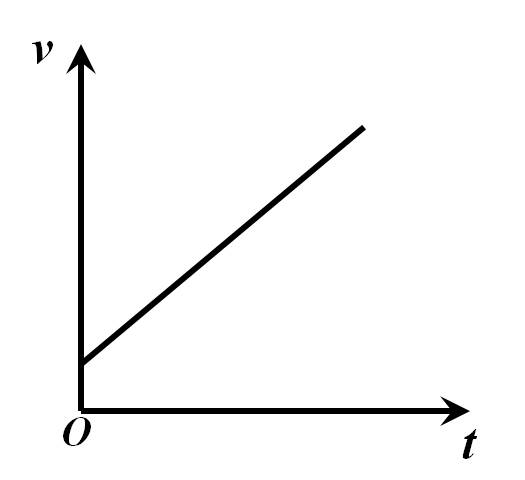
*a* \_\_\_\_\_ 0

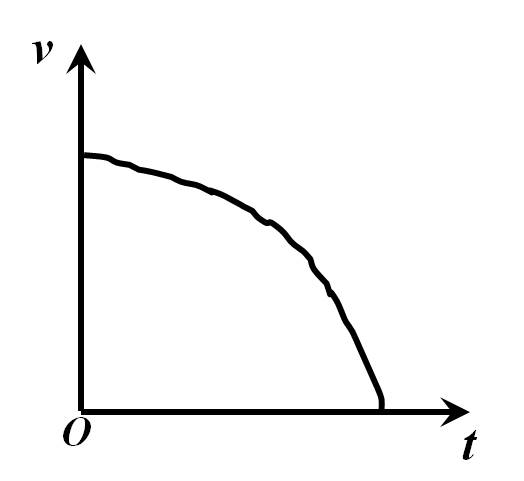
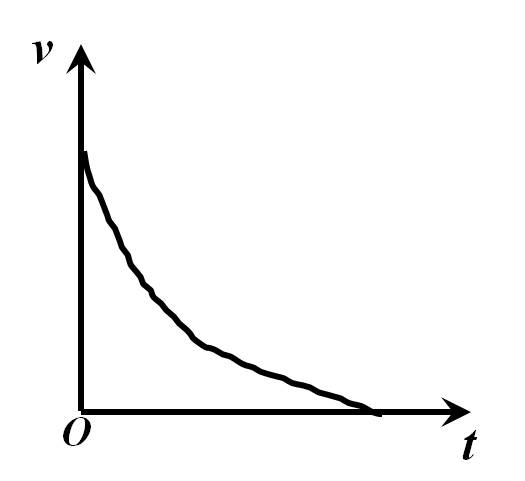
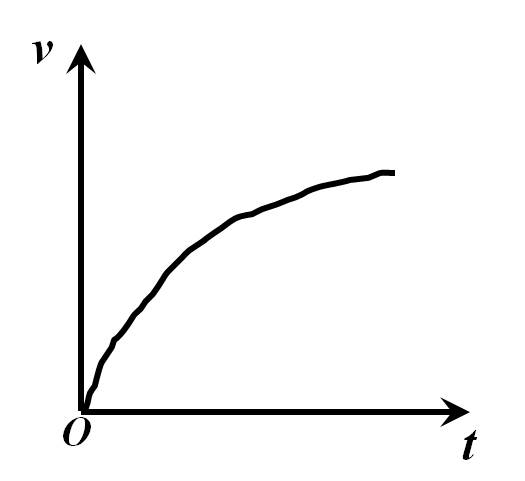
*a* \_\_\_\_\_ 0

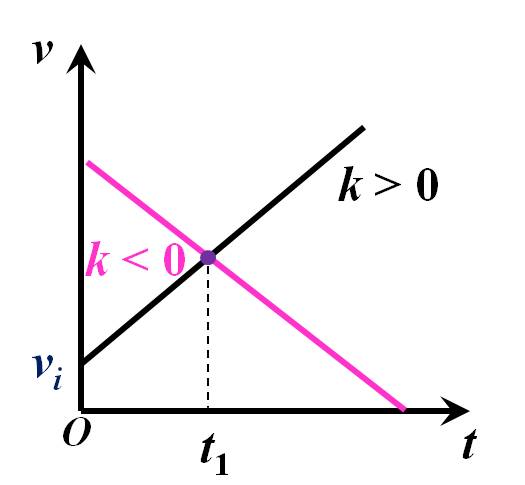
匀\_\_\_\_速直线

匀\_\_\_\_速直线

**【*v*-*t* graph】**

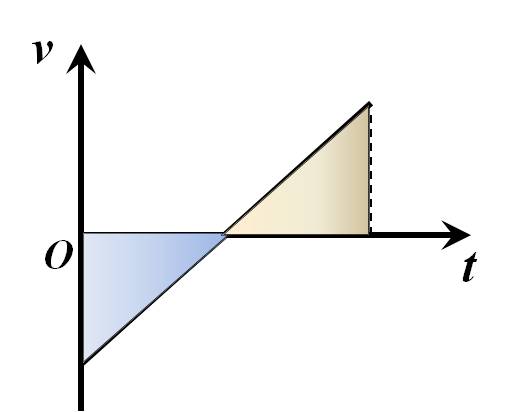
1.



2. slope *k*表示\_\_\_\_\_\_\_\_\_\_  
 *k* > 0表示\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
 *k* < 0表示\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. 图线在*t*1时刻相交表示两物体­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_

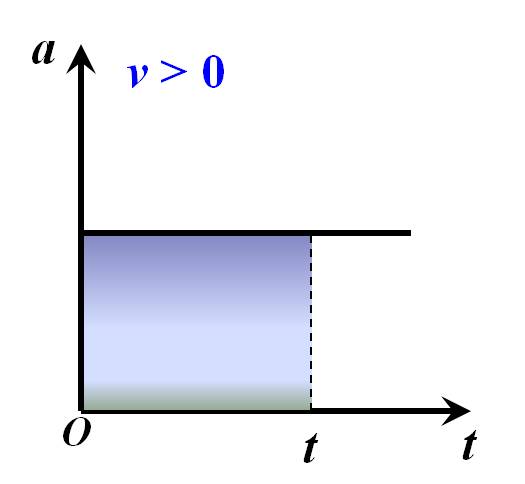
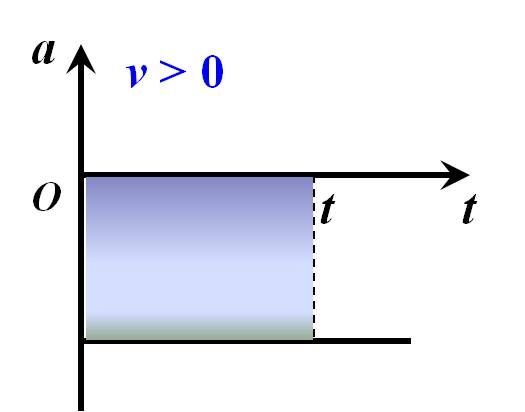
4. 纵轴截距*vi*表示物体的\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.

图线与坐标轴围成的面积表示物体在该时间段内的\_\_\_\_\_\_\_\_\_  
 时间轴上方的面积表示displacement *x* \_\_\_\_\_ 0  
 时间轴下方的面积表示displacement *x* \_\_\_\_\_ 0

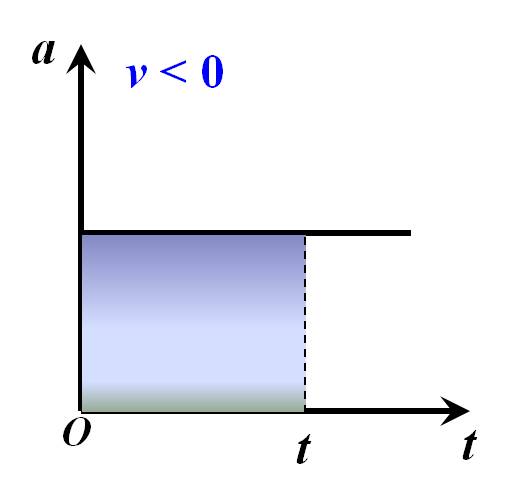
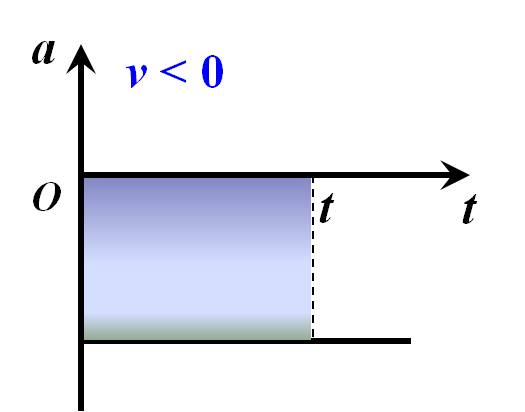
**【*a*-*t* graph】**

图线与坐标轴围成的面积表示\_\_\_\_\_\_\_\_\_\_\_\_\_

****

△*v* \_\_\_\_\_ 0

△*v* \_\_\_\_\_ 0



△*v* \_\_\_\_\_ 0

△*v* \_\_\_\_\_ 0