**Bell Ringer 11 Acceleration**

**2. Determine if acceleration is occurring.**

a. A car at rest speeds up to 50 mi/h.

b. A nascar is driving around a track at a constant speed of 90 mi/h.

c. A car is traveling down a straight road at 60 mi/h.

1. **Acceleration occurs if there is a change in** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **or** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.



**3. Using the equation above solve for acceleration.**

a. An object accelerates from 10m/s to 20m/s in 5 seconds.

b. An object accelerates from 34m/s to 36m/s in 8 seconds

 **T**ODAY **\_\_\_\_\_\_\_\_\_\_\_**

Distance (m)

Time (s)

I **A**m

**T.A.C. Sheet Unit Topic**: **MOTION** Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 So I **C**an