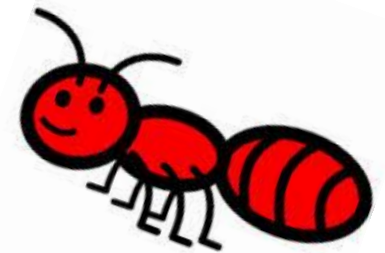


Acceleration Warm-Up



Acceleration Warm-Up (Uniform Motion)

- The motion of a ant walking across your desk can be described as follows:
 - He moves at a constant speed of 3 cm every second
- 1. Draw a dot showing his position at 0s, 1s, 2s, 3s, 4s, and 5s
- 2. Describe the appearance of the spacing between the dots



Acceleration Warm-Up (Accelerated Motion)

- The motion of a ladybug walking across your desk can be described as follows:
 - In the 1st second she moves 1 cm
 - In the 2nd second she moves an additional 2 cm
 - In the 3rd second she moves an additional 3 cm
 - She continues adding 1 cm to her movement every second
1. Draw a dot showing her position at 0s, 1s, 2s, 3s, 4s, and 5s
 2. Describe the appearance of the spacing between the dots
 3. Explain how the spacing compares to the ant's motion. (i.e. uniform non-accelerated motion.)

