Name:	
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Calving Kinomatics Droblams

Solving Kinematics Problems		
When solving kinematics problems, we will use the following formulas:		
A racing car reaches a speed of 42 m/s. It then begins a uniform negative acceleration, using its parachute and braking system, and comes to rest 5.5 s later. Find the distance the car travels during breaking.		
A plane starting at rest at one end of a runway undergoes a uniform acceleration of 4.8 m/s² for 15 s before takeoff. What is the speed at takeoff? How long must the runway be for the plane to be able to take off?		
A person pushing a stroller starts from rest, uniformly accelerating at a rate of 0.500 m/s^2 . What is the velocity of the stroller after it has traveled 4.75 m ?		

