**SUVAT practice**A bicycle starts from rest (u = 0 m/s) and accelerates at a rate of 2 m/s² for 4 seconds. What would the final velocity of the bicycle be?

A train is moving at a steady speed of 20 m/s for 10 seconds. What is the distance the train traveled?

A skateboarder is moving at an initial speed of 3 m/s and speeds up to a final speed of 7 m/s over a period of 2 seconds. What is the distance the skateboarder traveled? *(hint: find acceleration, then find the distance using SUVAT)*

A drag racer starts from rest and accelerates along a straight track at a rate of 12 m/s². After traveling a straight-line distance of 400 meters, what is the racer's final velocity (V)?

Calculate the distance travelled by a cyclist moving from rest and accelerating steadily at 1.4 m/s² for 8 seconds

A second stage rocket is launched vertically with a speed of 250 m/s. After sometime, it has reached a height of 7300 meters. Assuming the rocket accelerates at a constant rate of 12m/s², determine its velocity at this height.