Joseph found that his walking rate is 2.5 meters per second. When he met his cousin Juan he decided to time his walking. He found that his cousin could cover 100 meters in 100 seconds for a rate of 1 meter per seconds.

Joseph decides to challenge his cousin to a race. But he also decides to give his cousin a head start. Joseph let Juan start 30 meters ahead.

Use the calculator to see where each person is every second.

Joseph	
time	distance

Jose	
time	distance