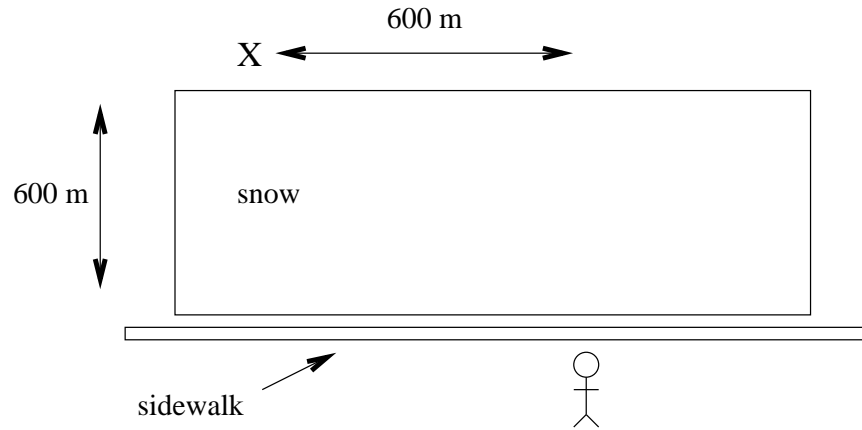


Walking in the snow



You need to get to point X in the figure. (You are the stick figure.) You are currently on a clear sidewalk on which you can walk 4 m/s. But you'll have to cross the snowy area to get to X . You can walk across the snow at 2 m/s. What path should you take to get to X as quickly as possible?