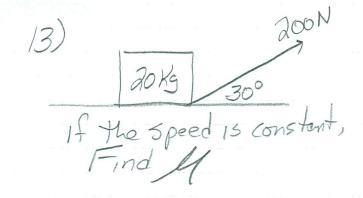


upward by a rope with a tension of 200 Newtons.
The mass of the boxis
10 Kg, Find a,

12) The Coefficient between a car tire and the road 15 .75. If the car is travelling at 25 Ms, what distance is required to 5top it.



14) 20Ks)

14)

20Ks)

1f the box 5 farts from rest, what is the final velocity? If M = 0.15, what is the final velocity

15) The maximum force a
rope can withstand is
500 Newtons, Unfertunately
a thief wanting to use it
weighs 588 Newtons.
What must be accelerate
downward for it not to
break of

16) what is the tension in a rope if a 600 Newton individual Climbs up it with a constant speed