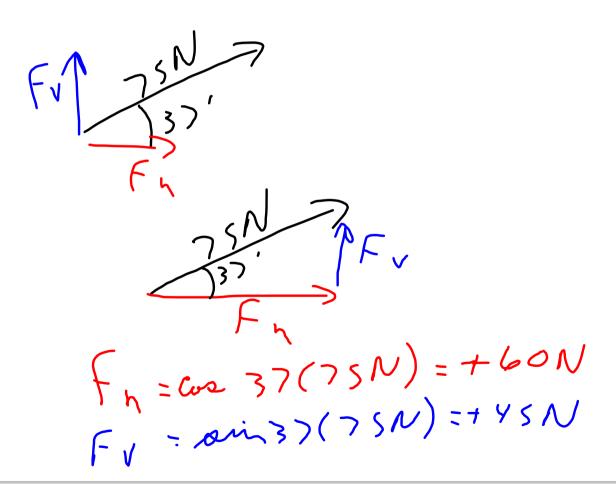
Tom pushes along the handle of the lawnmower with a force of 64 N (along the handle). What is Fh and Fv if the handle makes an angle of 40.' with the ground? v = sin 40(65N) = = cos 40(65N) --

Title: Oct 4 - 10:23 AM (1 of 4)

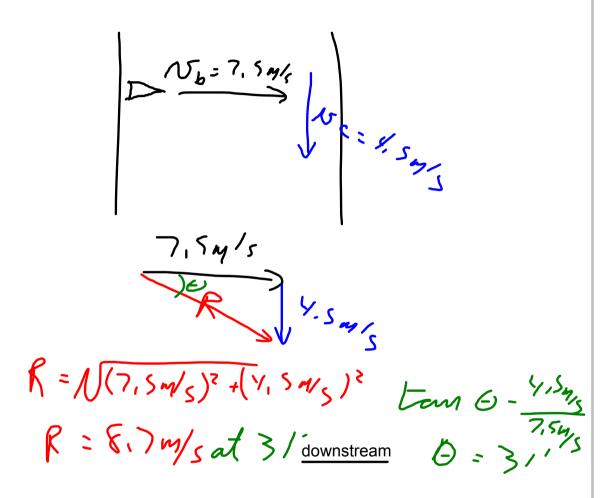


Boyfriend pulls sled with a force of 75 N directed along the rope. What is F_h and F_v if the rope makes an angle of 37' with the ground?

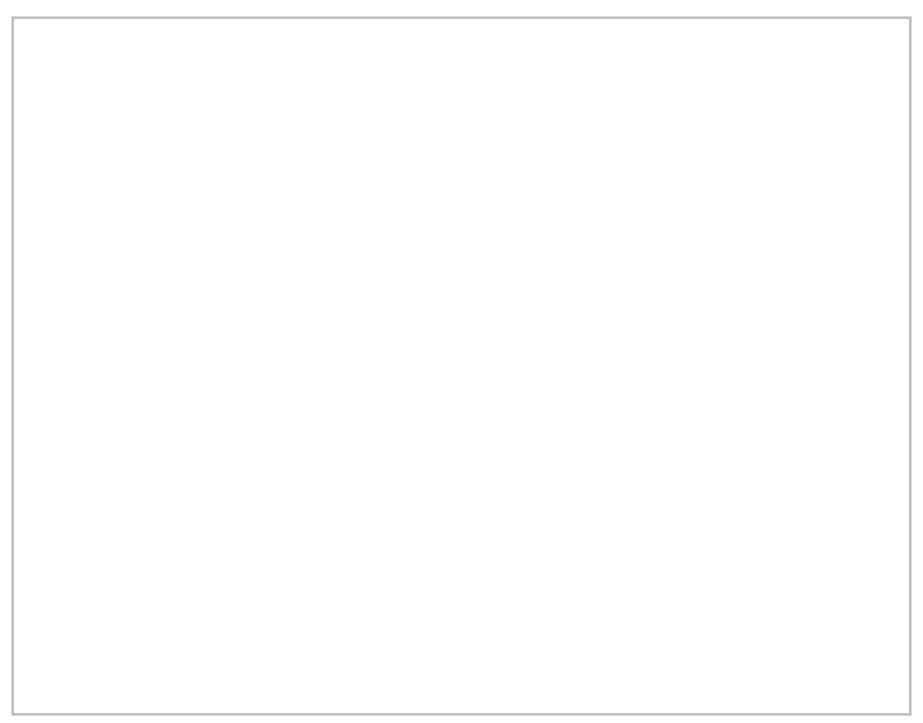


Title: Oct 4 - 10:35 AM (2 of 4)

A boat can travel 7.5 m/s in still water. What is the resulting velocity of the boat if it heads across a river that has a current of 4.5 m/s?



Note how the direction is compared to the current and river! and not a "-" or "+" or 0 - 360' like before!



Title: Oct 4 - 10:47 AM (4 of 4)