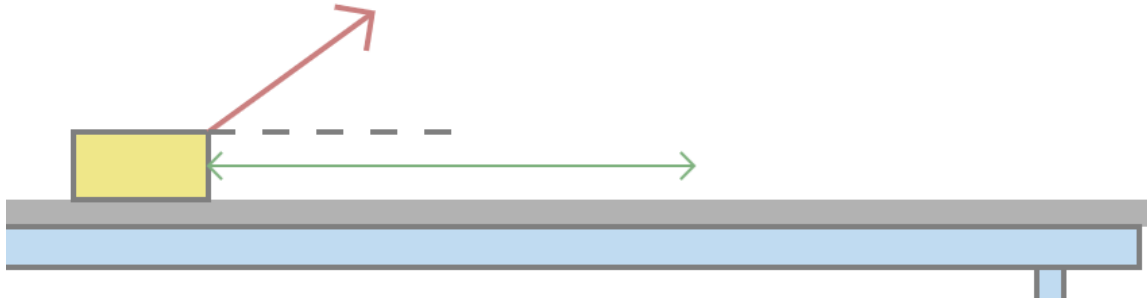
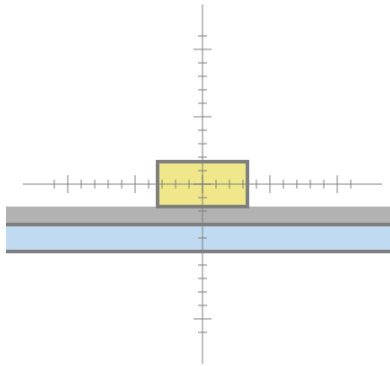


Work (Force on Angle with No Friction)

Step 1: Fill in all the information from your program into the picture below



Step 2: Draw in all the forces on your object. Then calculate the force gravity, resolve force tension into components, and then calculate force normal



Step 3: Based on the forces you calculated and the distance traveled by the block, show the calculations of work done by tension. Use that work to find the final velocity of the block. Enter your answers into the program to make sure you have done everything correctly.