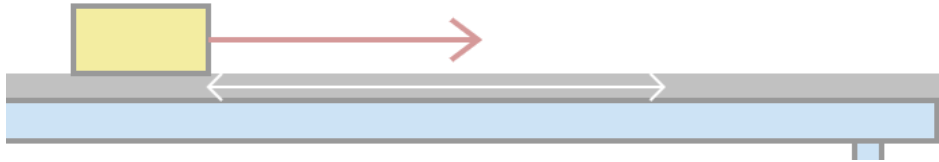
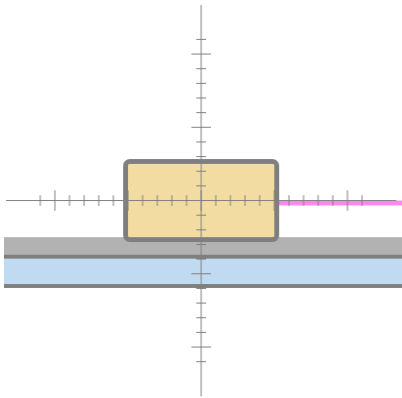


Work (Horizontal Force with No Friction)

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



Step 2: Draw in the three forces that are acting on the block and then show your calculations for the two that are not given to you directly in the program



Step 3: Calculate the work done by friction in moving the block from the spot shown in the program through the distance indicated in the program

Step 4: Since the block started at rest, the work done to the block will be equal to the final kinetic energy. Show the calculation of this final velocity based on work. Enter your answers into the program to verify that you did everything correctly