

A hockey puck is being pushed across the floor at a constant velocity. If the puck has a mass of 2kg and the puck is being pushed by a stick with a force of 10N, find the force due to friction and the force of the floor on the puck.

(Optional Step 1: Highlight Important Information.)

Step 1: Write known and unknown in top left hand corner.

Step 2: Draw a Force Diagram.

Step 3: Write down necessary equation(s).

Step 4: Show work Step by Step

Step 5: Plug in all known values into isolated algebraic equation

Step 6: Final answer boxed with units and variable.