Full Model with Friction

Create as full & complete a model as possible for the following situation (incorporate all of the tools we have learned in class so far and make sure your model is internally consistent).

A person pushes with a force of 120 N on the object on the left, which is in contact with the box on the right. The force is applied over 0.5 m.

40 kg

μk = 0.25

60 kg μk = 0.4

120 N