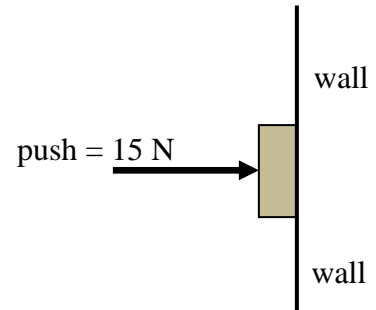When 15 Newtons of force is applied to the 0.50 kg book, the friction keeps the book from sliding down the wall.

a) Make a force diagram for the book. Include the amount of each force.

b) What is the minimum force and minimum coefficient of friction to keep the book from sliding?