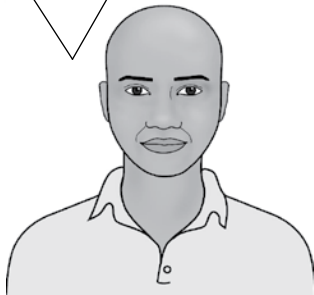


I think a friction-type contact interaction is slowing the cart down, but since I can't see anything pushing on the cart I don't think a force is involved.



Daryl

I agree that friction is slowing the cart down, but I do think friction is a force. I just don't know how it works



Kristen

I know we learned in Chapter 1 that friction slows things down, but I'm not sure in this case. Even without friction, I think it would slow down anyway, because the force of the initial push gradually runs out.



Samantha



Do you agree with Daryl, Kristen, Samantha, or with none of them? Explain your thinking.



Use the pictures below to draw force diagrams for the cart in the experiment described above; the first while it is speeding up during the initial push and the second after the push, while the cart is gradually slowing down. Explain briefly why you drew your diagrams as you did.

