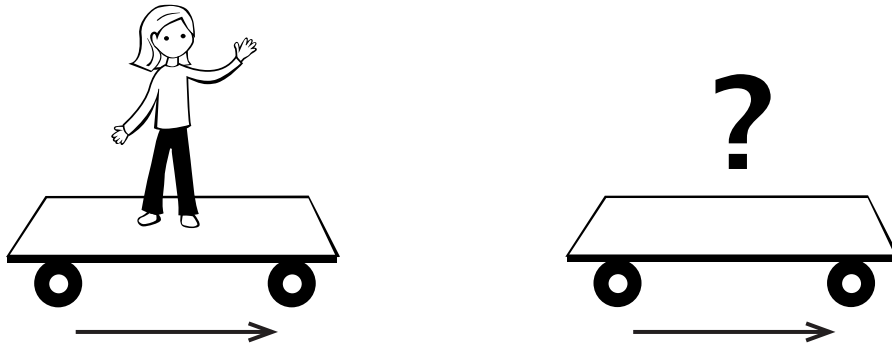


Forces and Newton's Laws

Riding in the Parade

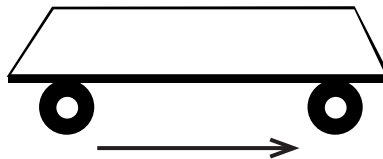
Cindy is very excited—she has been asked to ride in a parade! During the parade, she stands in the middle of the float and waves to the crowd while the float is moving down the street at a constant speed. While she is waving, she sees her friend standing on the sidewalk. She jumps straight up as high as she can so that her friend will see her.



When Cindy lands back on the float, where will she land?

- A** She will land in the same place on the float from where she jumped.
- B** She will land closer to the front of the float than where she was before she jumped.
- C** She will land closer to the back of the float than where she was before she jumped.

Draw where Cindy will land on the float (below).



Explain your thinking. Describe the reasoning you used to make your prediction.
