

*Use these sentences to describe how the band-roller works. Cut the sentences out and then change their order until you have a good description, then use glue to keep them in order (or copy them out).*

As the band returns to the original shape, there is a turning force on the winder.

The elastic band tries to go back to its original shape because it is elastic.

The force of friction between the roller and the floor will slow and eventually stop the roller.

The roller will keep moving while the elastic band unwinds.

The washer reduces force between the winder and the side of the roller.

The winder cannot turn because the floor is in the way.

This means that the roller turns so that the elastic band can unwind.

When the roller turns, it moves across the floor.

When there is no longer a force provided by the elastic band the roller will stop.

When you turn the winder the elastic band is twisted out of shape.