

Stability and Motion: Forces and Interactions

Check for Understanding

1. Circle the simple machine that best completes the sentence.

The person in the image is using _____
to lift a box.

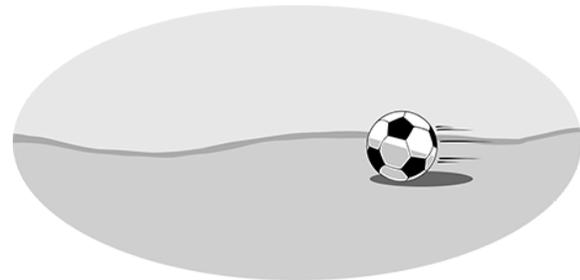
a pulley an inclined plane a lever



How does the simple machine help the person lift the box?

2. Look at the picture.

Why will the ball eventually stop rolling
when it crosses an empty field?



3. Describe the **effort force** and the **resistance force**
in play as Mylo lifts up the rock with the stick.



4. Explain how this picture shows a force.

5. Explain how this picture shows a force.

