

Station E—Elastic Forces Due to Compression

1. Observe the textbook balanced on the meter stick.

Is the meter stick straight? _____

2. Now gently lift the textbook.

What happens to the meter stick? _____

3. Replace the textbook and draw a diagram in the space below of the textbook balanced on the meter stick. Identify, using arrows (vectors), the direction of each of the forces acting on the object(s).