

LABELING WAVES

1. Study the wave in Figure 1. Then label the areas of compression and the areas of rarefaction.

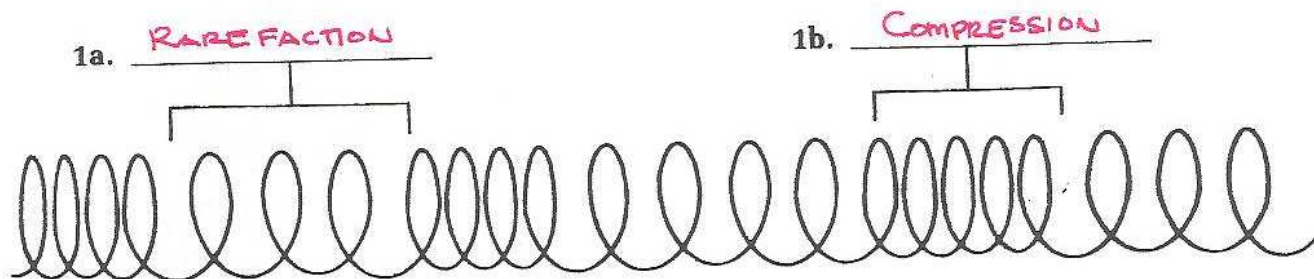
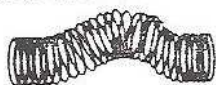


Figure 1.

2. Study the waves in Figure 2. Label the longitudinal wave and the transverse wave.



2a. TRANSVERSE

2b. LONGITUDINAL

Figure 2.

3. Study the wave in Figure 3. First determine the kind of wave that this illustrates and write this in the blank. Then label the crest, trough, and determine one wavelength.

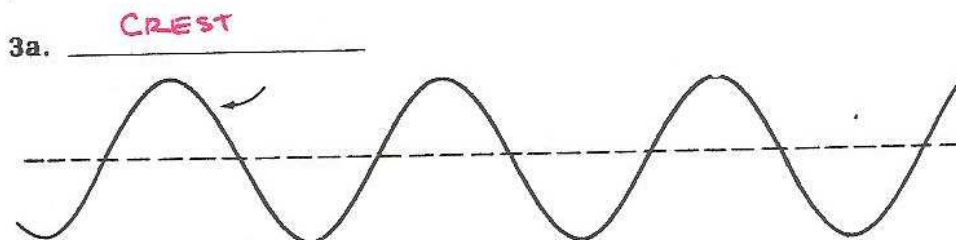


Figure 3.

3b. TROUGH

An example of a(n) TRANSVERSE wave.

4. Study the wave in Figure 4. Then determine the kind of wave that this illustrates and write the name in the blank. Then label the compression, rarefaction, and one wavelength.

4a. COMPRESSION



4c. COMPRESSION

4b. RAREFACTION

Figure 4.

An example of a LONGITUDINAL wave.