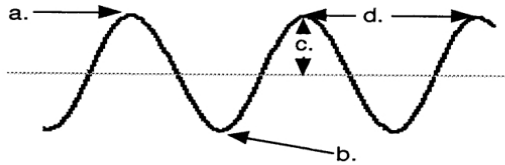


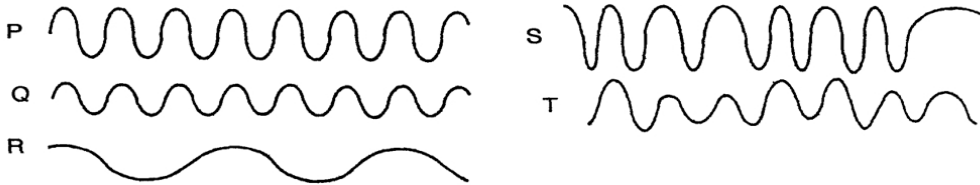
WORKSHEET - LABELING WAVES

1. The highest point on a wave is the _____, while the lowest point is the _____.
2. The _____ of a wave is a measure of the amount of energy it carries.
3. The distance from one crest to the next crest is the _____.
4. The _____ is a measure of the number of waves that pass a point in a given amount of time.
5. The illustration to the right shows a wave. Label each part in the space below:



- a. _____
- b. _____
- c. _____
- d. _____

6. Use the five illustrations of waves drawn below to answer the following questions:



- (a) Waves P and Q have the same _____, but wave P has twice the _____ of wave Q.
- (b) Waves Q and R have the same _____, but wave R has twice the _____ of wave Q.
- (c) Wave _____ shows a steady frequency but changing amplitude.
- (d) Wave _____ shows steady amplitude but a changing frequency.
- (e) Waves _____ and _____ have a low amplitude and a steady frequency.

7. The following questions refer to the diagram to the right:

- (a) Is this wave transverse or longitudinal?
- (b) Letter H represents a _____ and letter I represents a _____.
- (c) Letter G represents a _____.

