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A large anchor is being lifted into a boat with metal sides. As the anchor leaves the water it hits the side of the boat, making loud sounds and making waves on the surface of the water.

- a. Describe the motions of the sound waves and the water waves.
- b. Draw a diagram for **each** of the waves you described in part (a). Be sure to label each diagram.
- c. Describe how the wavelength is measured for the water waves.