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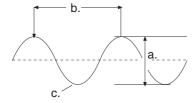
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# Worksheet 1 Principles of transmission

### Answer the following questions

- 1. Describe the principles of radio transmission as discovered by Hertz in 1888.
- 2. What is a carrier wave?
- 3. Write the names of the parts of a radio wave identified a c in the diagram of the radio wave below



- a. \_\_\_\_\_
- с.
- 4. Define the following terms:
  - a. modulation
  - b. skip
  - c. radiotelephony
- 5. Outline the 'theory of propagation'.
- 6. Name the type of modulation shown below.



Modulation A



Modulation B

- 7. Explain why sky waves' travel further than 'ground waves'.
- 8. How might 'skip' be a problem when using a marine radio?