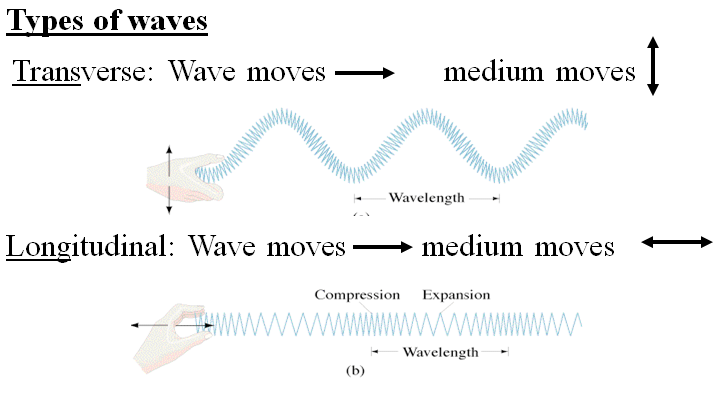
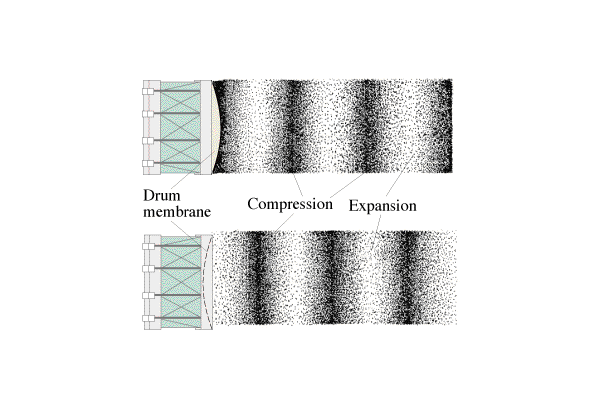
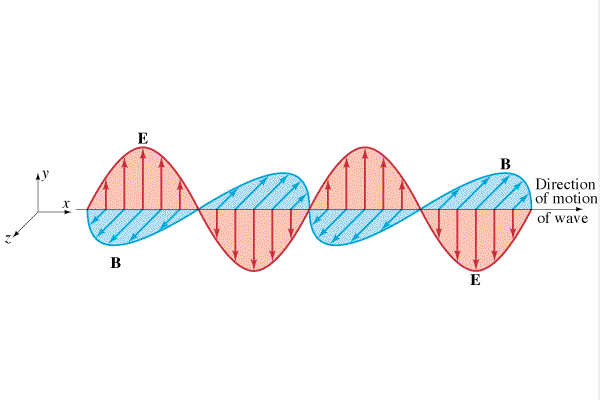
**Noteguide for Types, Reflections (Videos 12BC) Name**

**12B**

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**Electromagnetic Waves:**

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**Types of waves:**

|  |  |  |
| --- | --- | --- |
|  | **Mechanical** | **Electromagnetic** |
| **Transverse** |  |  |
| **Longitudinal** |  |  |

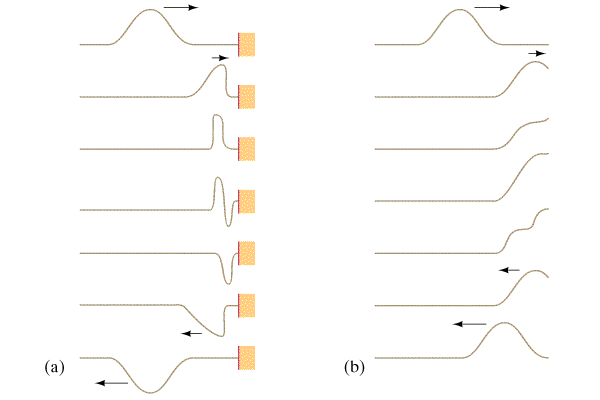
**12C Reflections:**

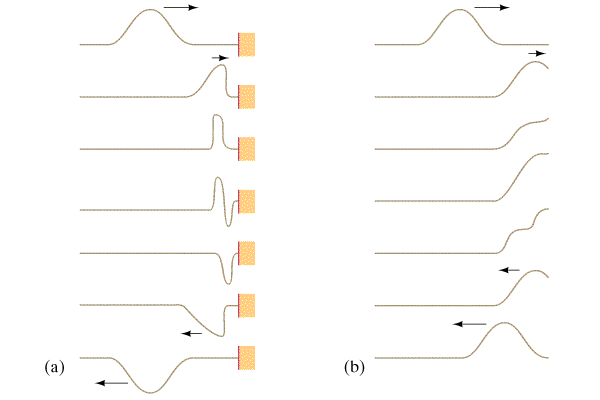
Occur when:

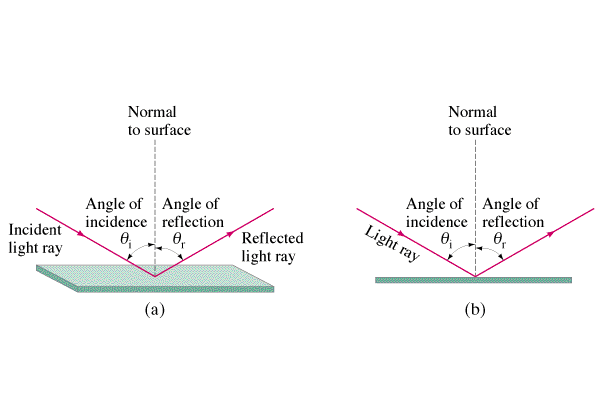
Examples of reflections:

How to prevent reflections:

Fixed vs. Free ends:





Mirrors: