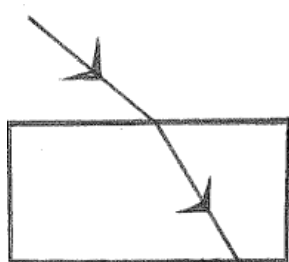


Light rays II

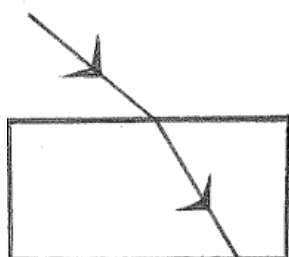
This task is about describing the behaviour of light rays.

Light rays can change direction as they travel through substances. Scientists show the behaviour of light rays by using ray diagrams.



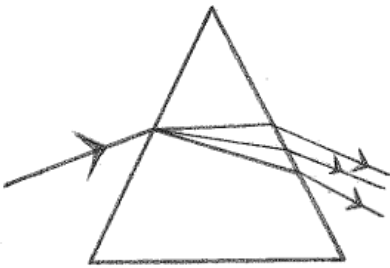
Choose **one or more** statements that describe how this light ray behaves.

- ☐ The light ray bounces off the surface.
- ☐ The light ray bends as it passes from one substance to another.
- ☐ The light ray bends twice as it passes through a substance and through to another substance.
- ☐ The light ray splits into multiple pathways.



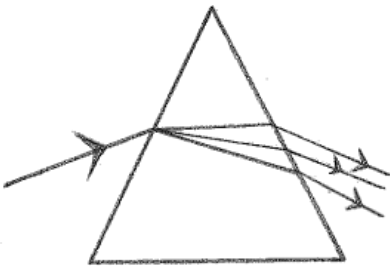
Which scientific **term or terms** could be used to describe the light ray behaviour in this diagram?
(Choose one or more)

- ☐ Divergence
- ☐ Reflection
- ☐ Refraction
- ☐ Prism



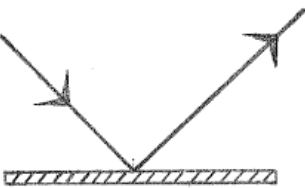
Choose **one or more** statements that describe how this light ray behaves.

- ☐ The light ray bounces off the surface.
- ☐ The light ray bends as it passes from one substance to another.
- ☐ The light ray bends twice as it passes through a substance and through to another substance.
- ☐ The light ray splits into multiple pathways.



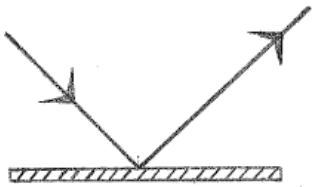
Which scientific **term or terms** could be used to describe the light ray behaviour in this diagram?
(Choose one or more)

- ☐ Divergence
- ☐ Reflection
- ☐ Refraction
- ☐ Prism



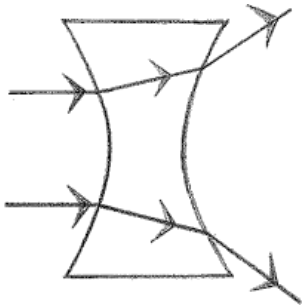
Choose **one or more** statements that describe how this light ray behaves.

- ☐ The light ray bounces off the surface.
- ☐ The light ray bends as it passes from one substance to another.
- ☐ The light ray bends twice as it passes through a substance and through to another substance.
- ☐ The light ray splits into multiple pathways.



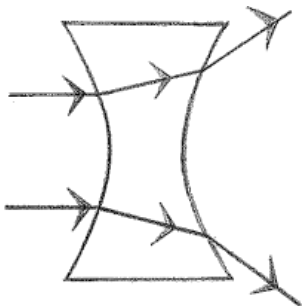
Which scientific **term or terms** could be used to describe the light ray behaviour in this diagram?
(Choose one or more)

- | | | | |
|----------------------------------|----------------------------------|----------------------------------|-----------------------------|
| <input type="radio"/> Divergence | <input type="radio"/> Reflection | <input type="radio"/> Refraction | <input type="radio"/> Prism |
|----------------------------------|----------------------------------|----------------------------------|-----------------------------|



Choose **one or more** statements that describe how these light rays behave.

- | |
|--|
| <input type="radio"/> The light rays bounce off the surface. |
| <input type="radio"/> The light rays bend as they pass from one substance to another. |
| <input type="radio"/> The light rays bend twice as they pass through a substance and through to another substance. |
| <input type="radio"/> The light rays split into multiple pathways. |



Which scientific **term or terms** could be used to describe the light ray behaviour in this diagram?
(Choose one or more)

- | | | | |
|----------------------------------|----------------------------------|----------------------------------|-----------------------------|
| <input type="radio"/> Divergence | <input type="radio"/> Reflection | <input type="radio"/> Refraction | <input type="radio"/> Prism |
|----------------------------------|----------------------------------|----------------------------------|-----------------------------|