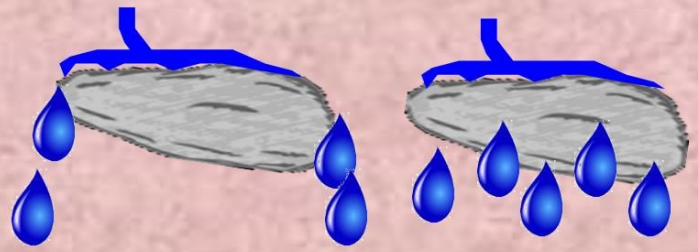
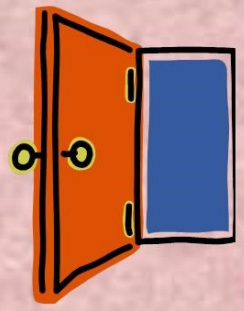
Properties of Materials

There are lots of words we can use to describe a material, here are just a few...

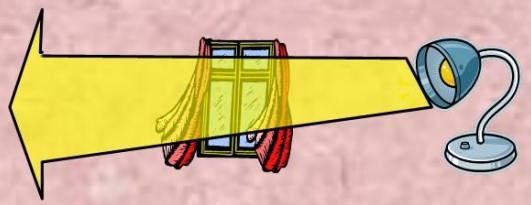


Impermeable: liquid cannot pass through
Permeable: liquid can pass through.

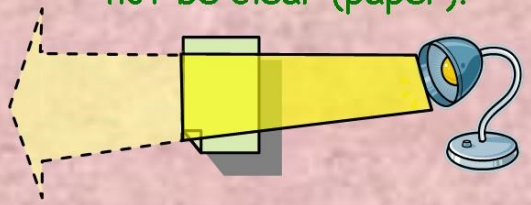


Conductor: to let something pass.
Insulator: to stop something passing.
For example heat (thermal) or electrical conductivity.

Transparent: light will pass through clearly (glass).



Translucent: light will pass through, but the image will not be clear (paper).



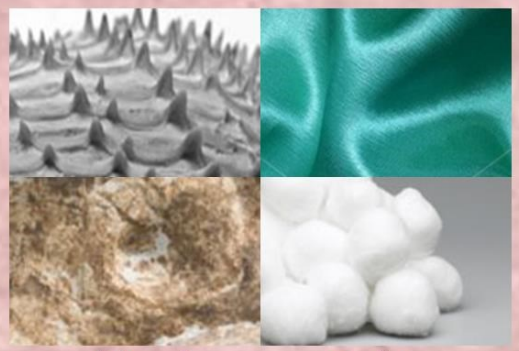
Heavy

Light

Malleable
(bendy/flexible)

Rigid
(stiff)

Rough **Smooth**

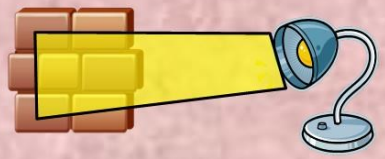


Hard **Soft**

Brittle

Strong

Opaque means no light will pass through (brick).



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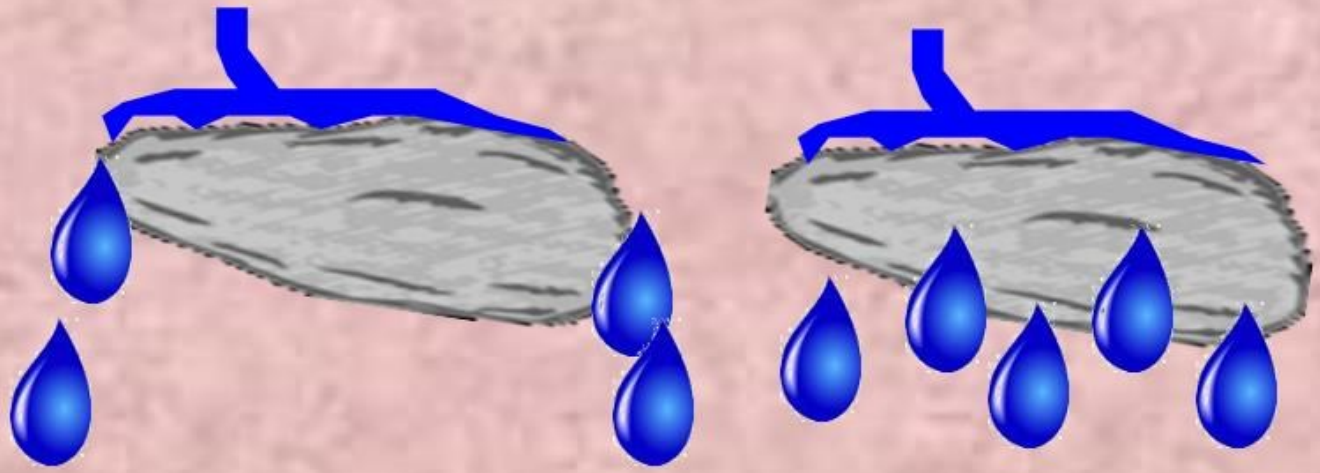

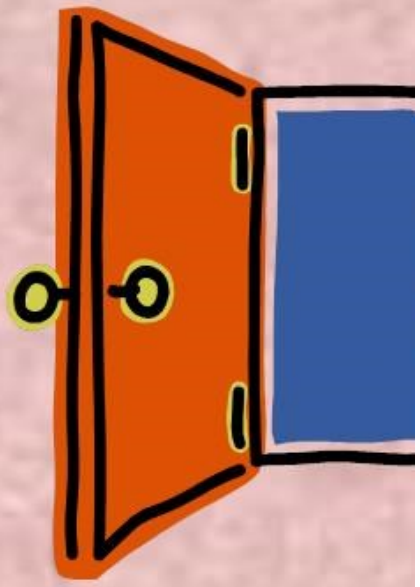

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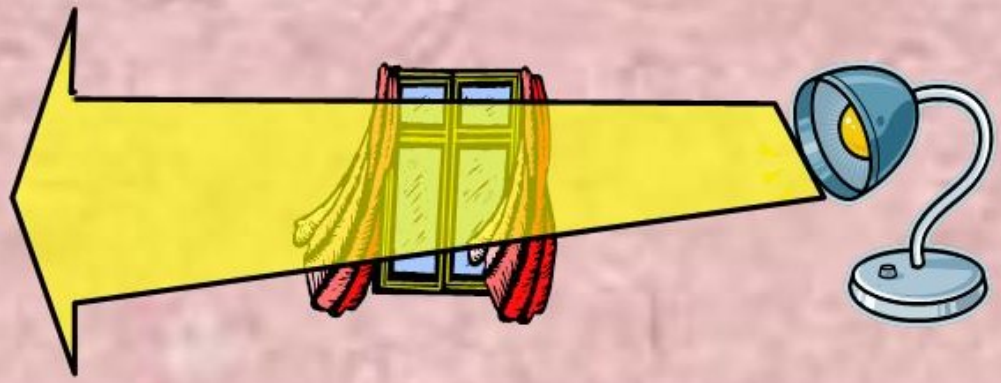

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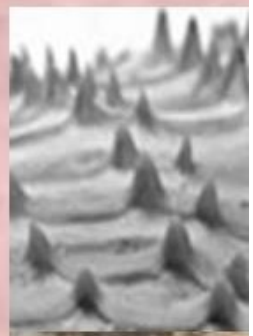

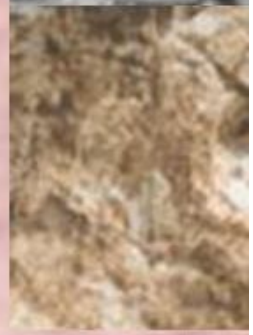

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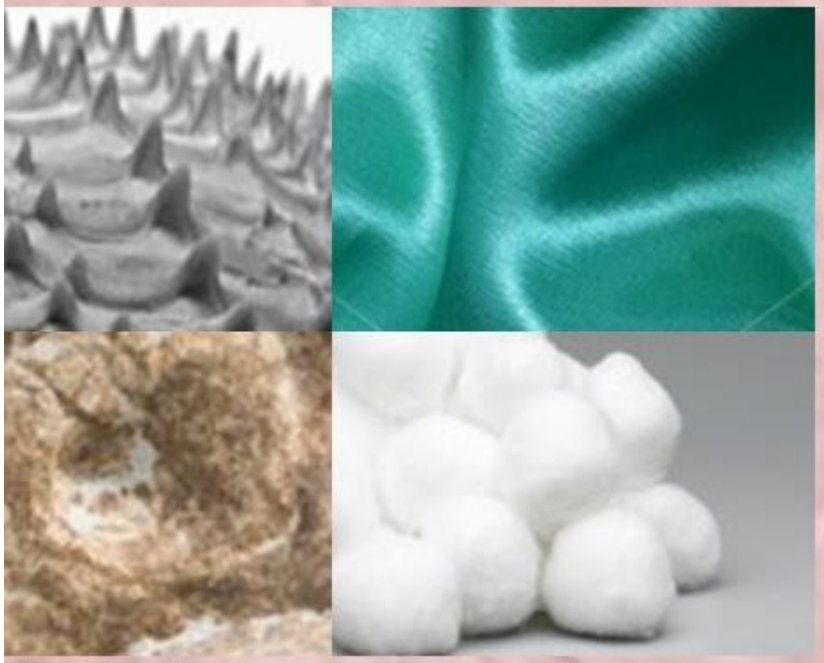

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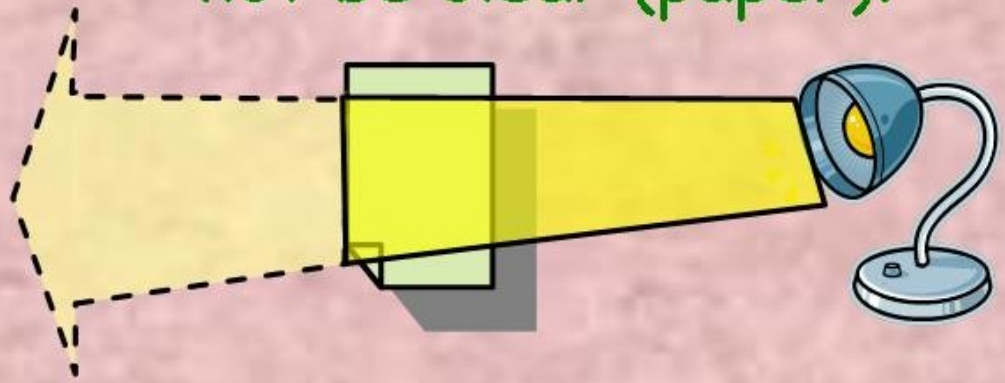

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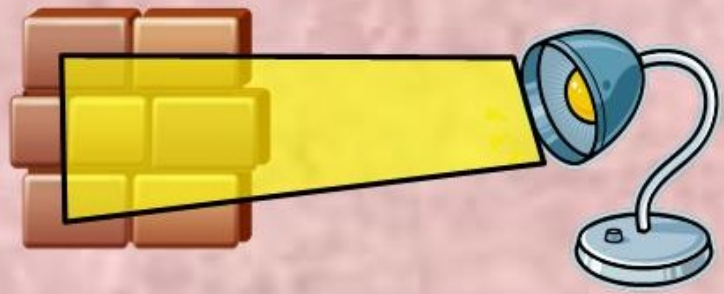

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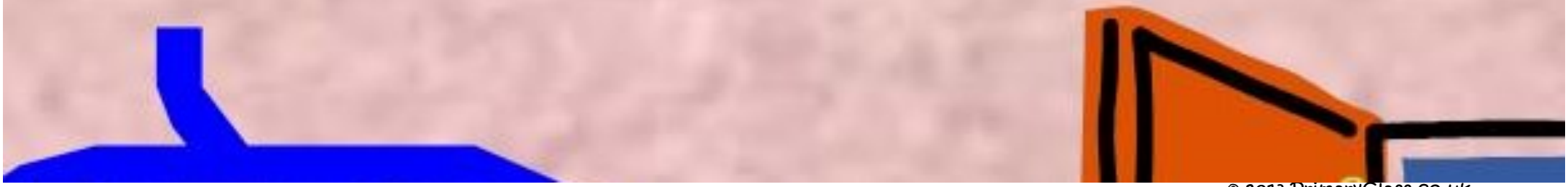

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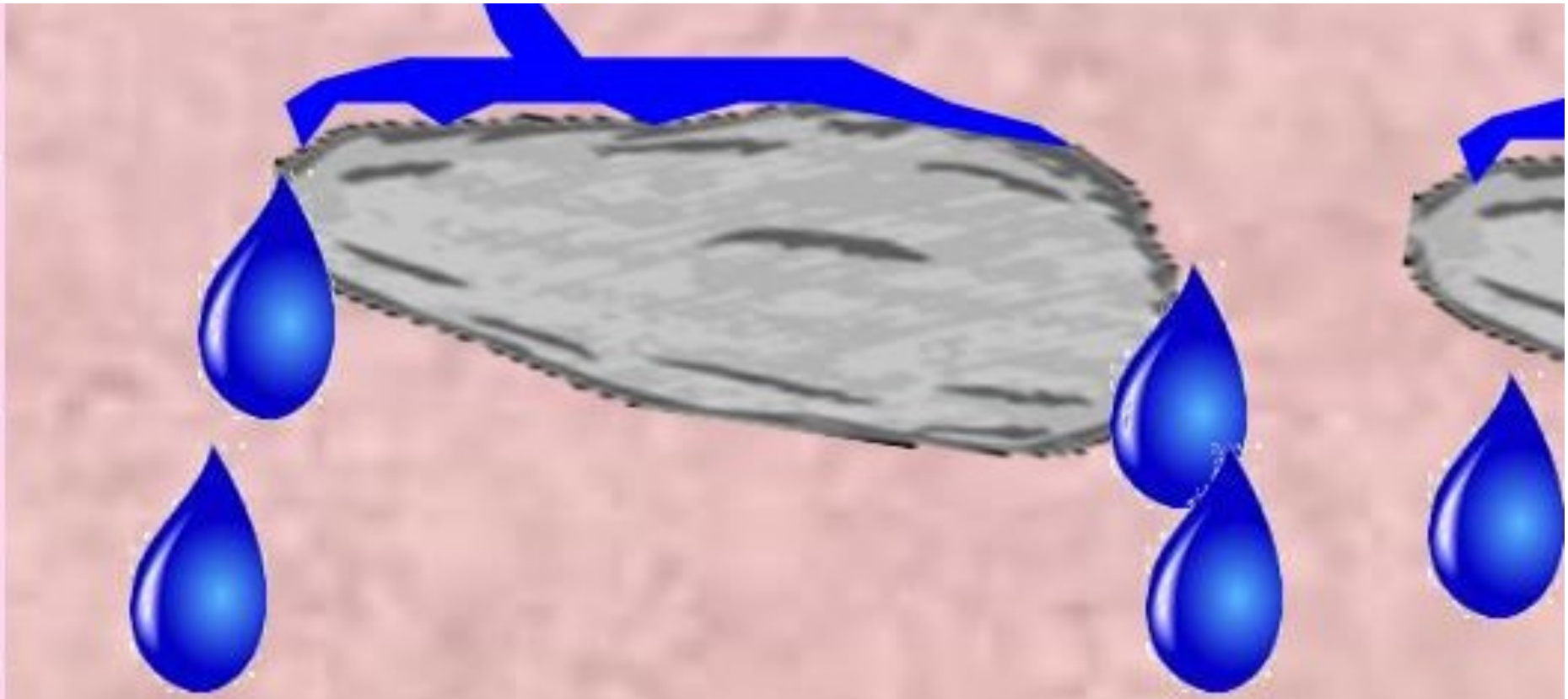

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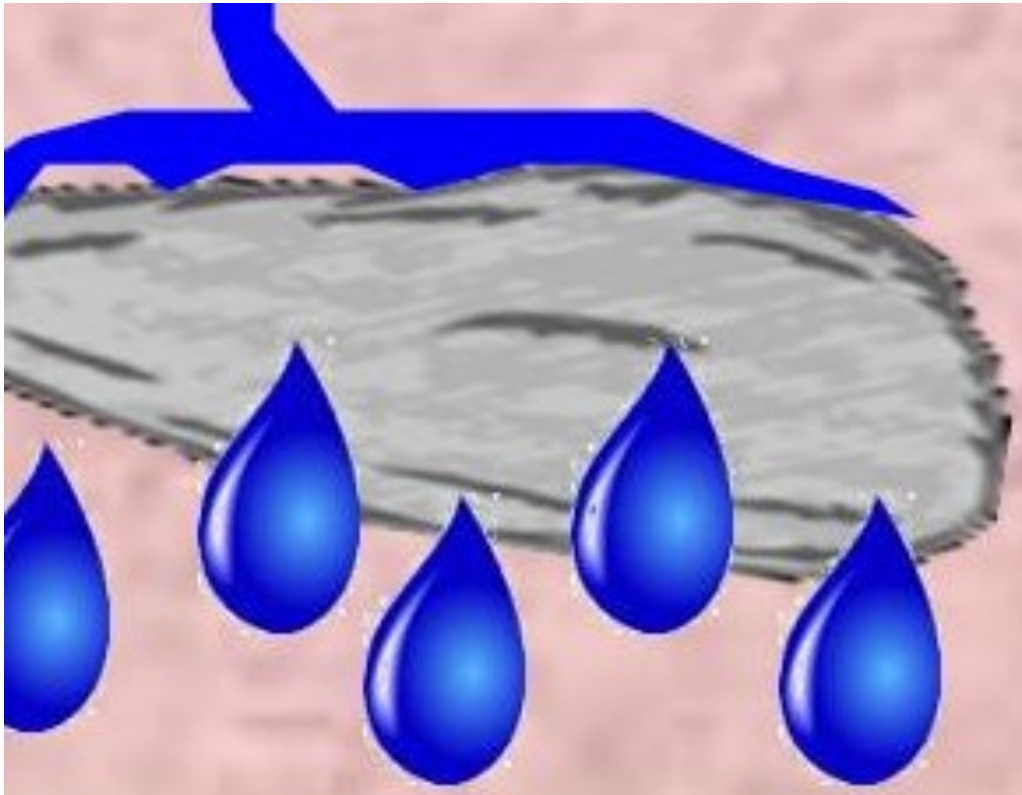

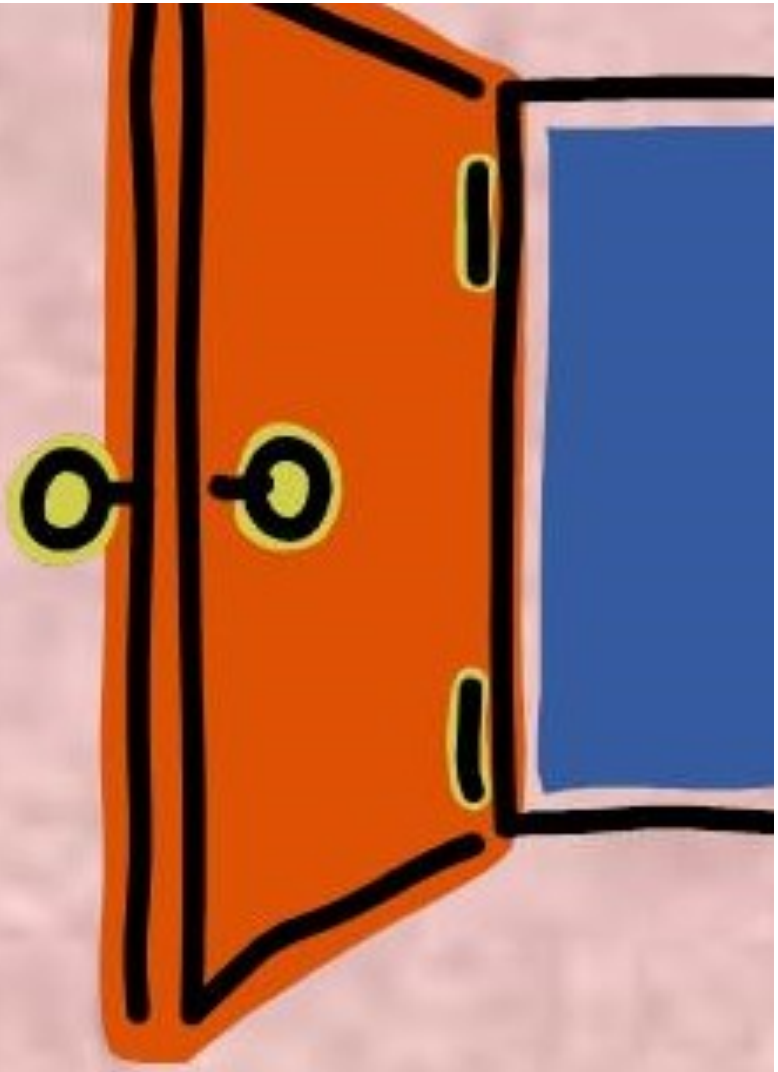

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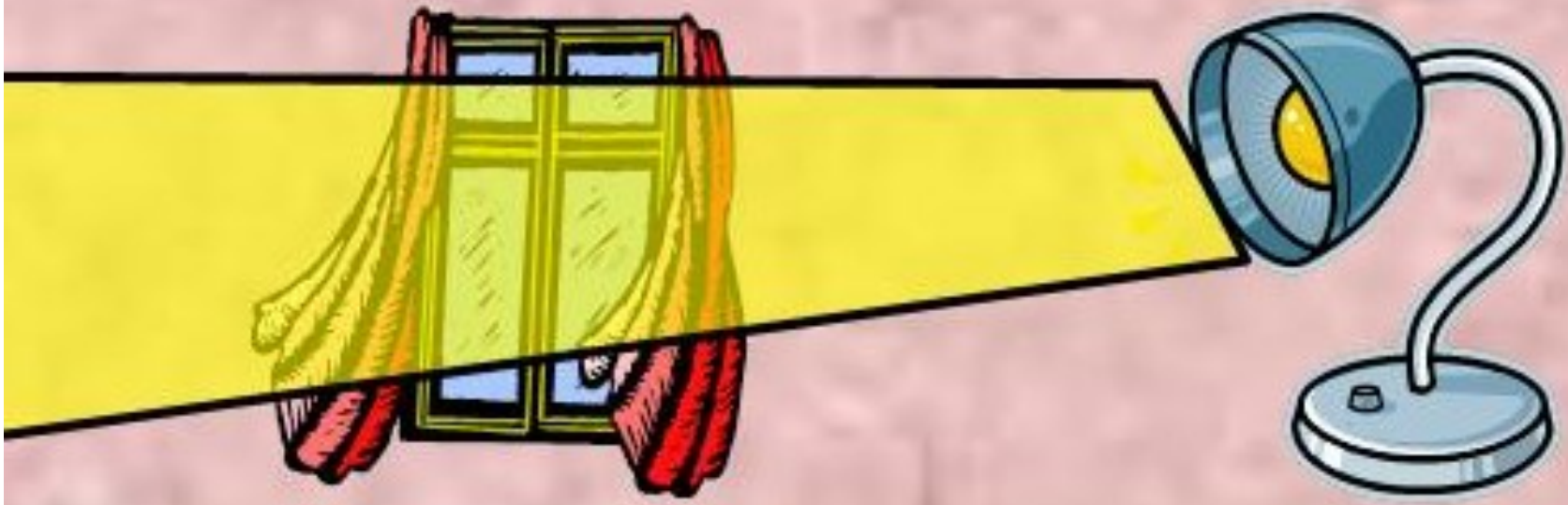

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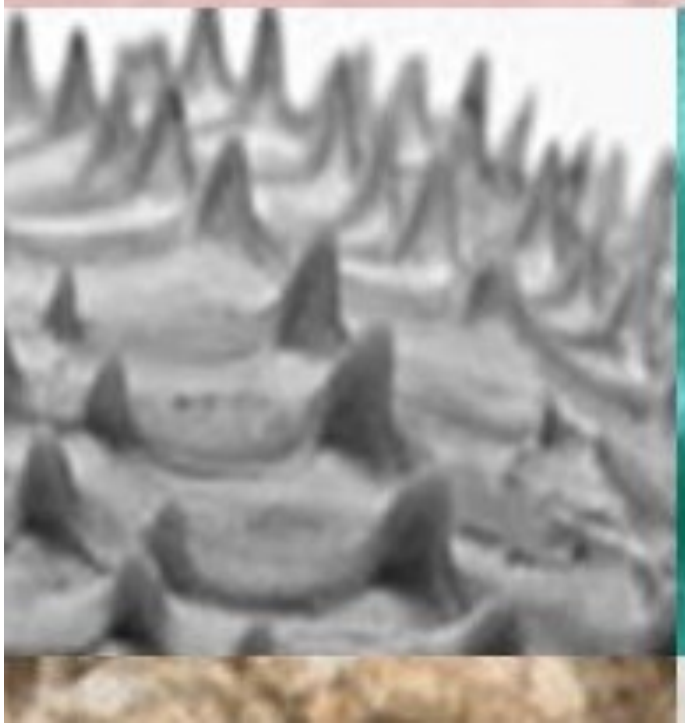

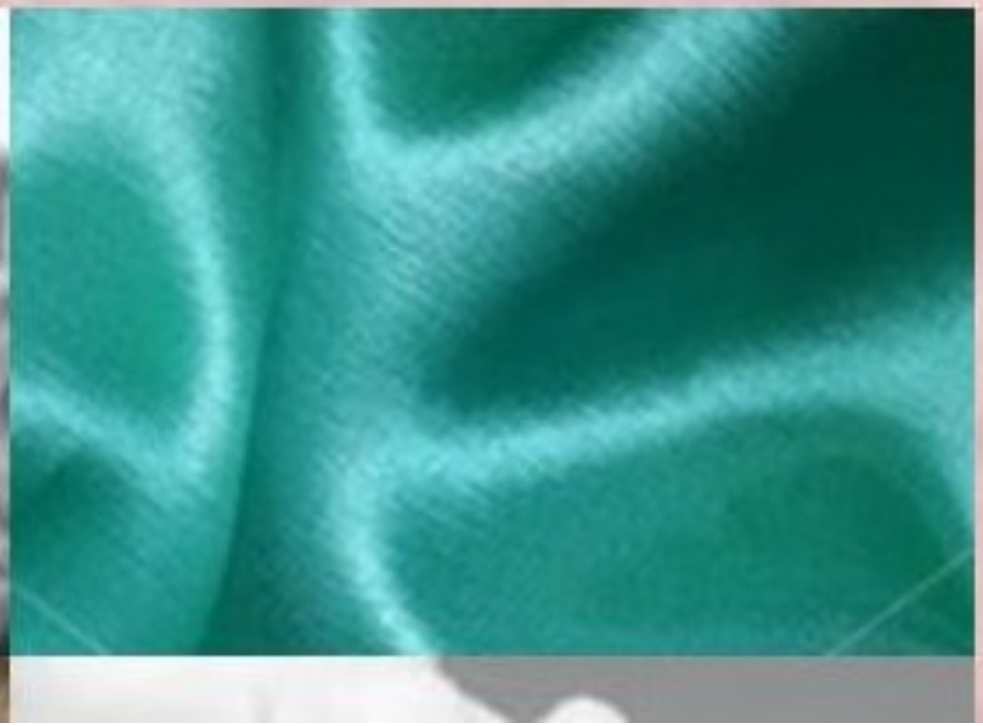

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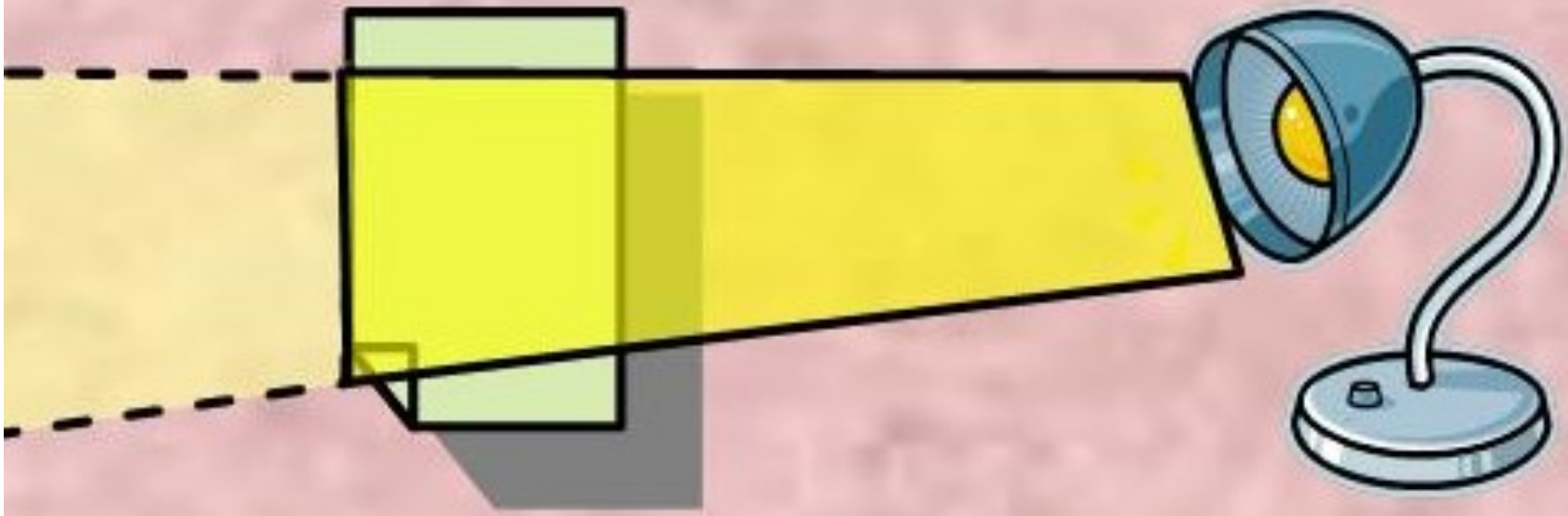

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