

Light and Shadows



Objects that give out light are called 'sources' of light.

fire



torch



lamp



laptop



television

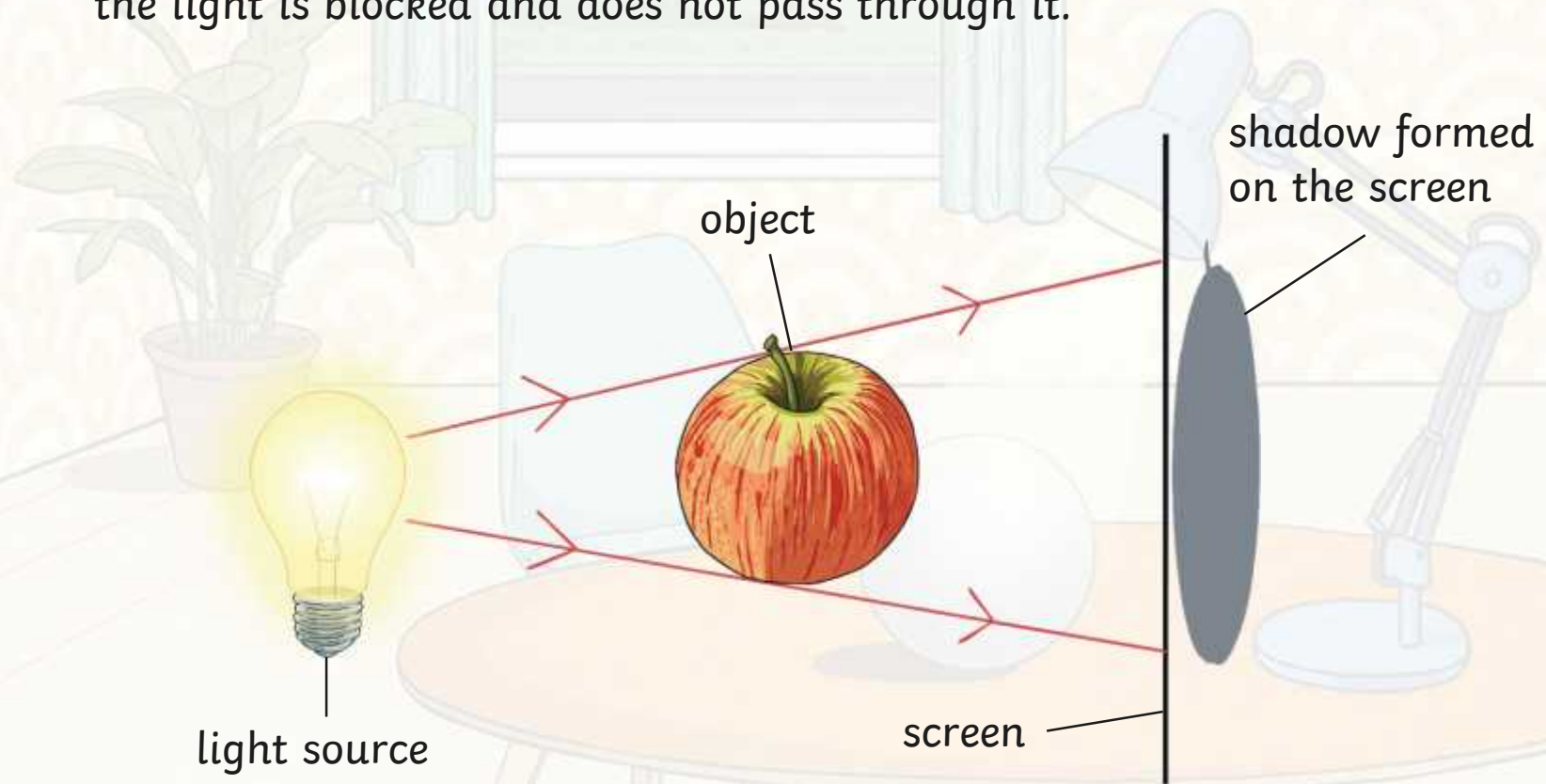


light bulb



Shadows

Shadows are created when a source of light shines on an object but the light is blocked and does not pass through it.





Opaque

When light cannot pass through an object. Answer

Translucent

When an object allows some light to pass through. Answer

Transparent

When light can pass through an object. Answer



**Are the following objects
opaque, translucent or
transparent?**

A book

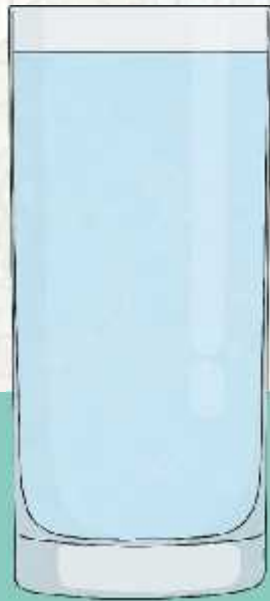
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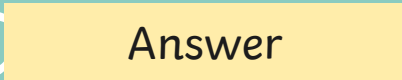



Answer

A glass

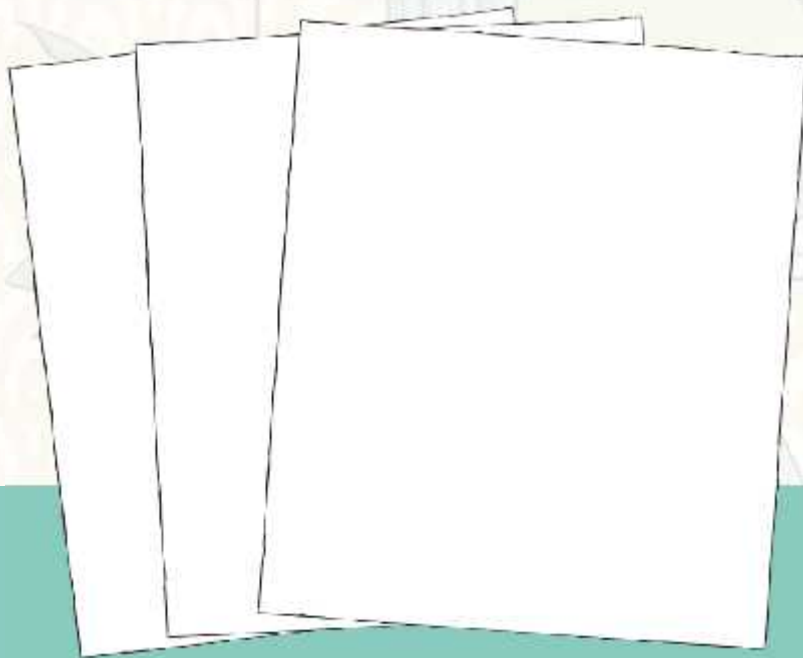
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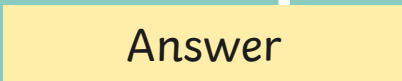


Tr  Answer  ent

Tracing paper

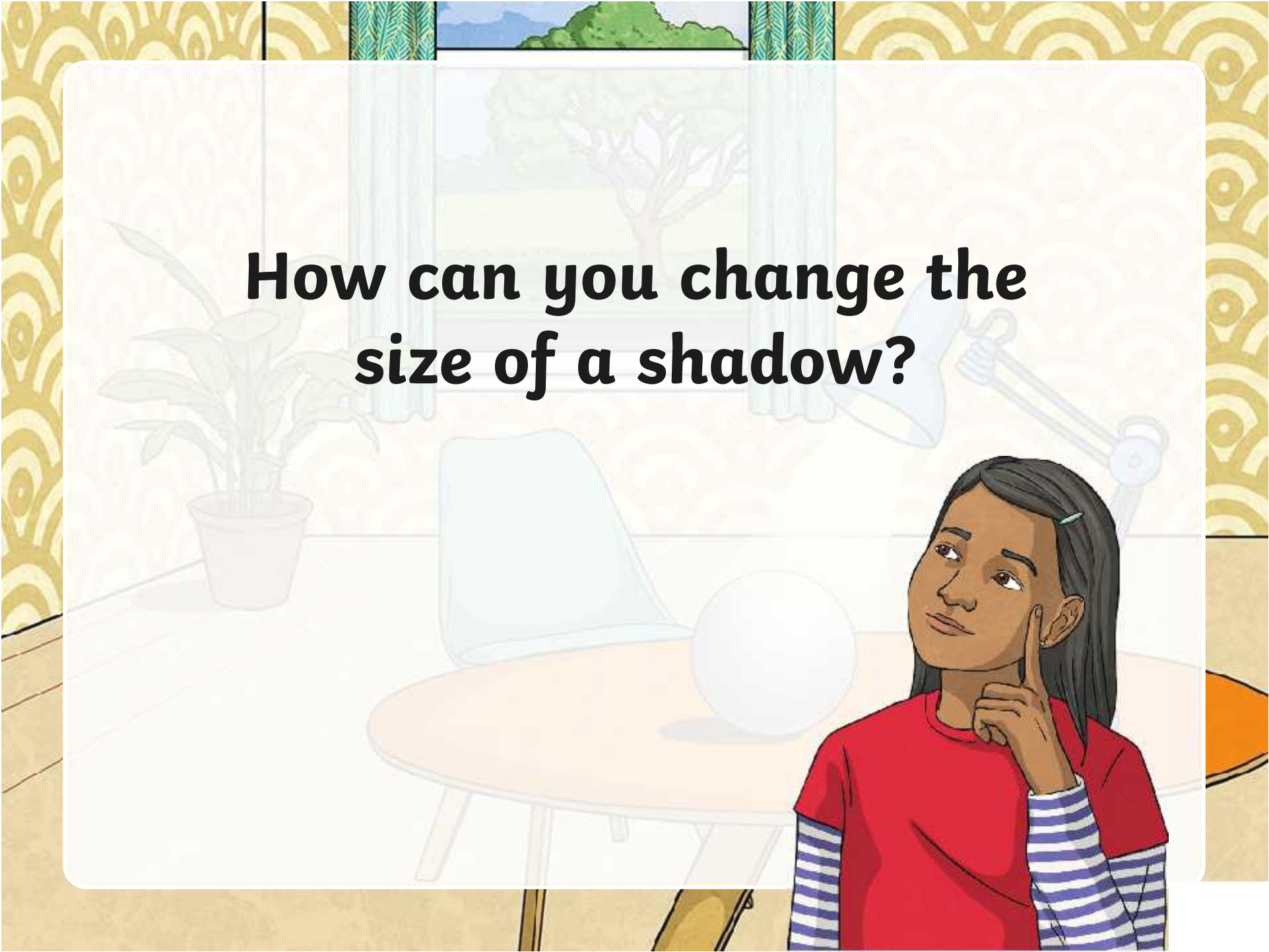
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T  cent



**Which sort of objects make
the darkest shadow?**

A cartoon illustration of a young girl with dark hair, wearing a red shirt with blue and white striped sleeves, sitting and thinking with her hand to her chin. The background shows a room with a window, a potted plant, a chair, and a table with a ball. The text is overlaid on a white rounded rectangle in the center of the image.

How can you change the size of a shadow?

