

How are shadows formed?

Read the passage below and fill in the gaps using the words in the box.

Light in straight lines. When light hits a transparent object, it can straight through it because a transparent object is When light hits something that is translucent, only some of the light can pass through. We can see through translucent objects but not see clearly through them.

An object is one that does not allow any light through at all. When light hits an opaque object, it is This causes a to be formed. The shadow will be the same shape as the object but does not have any of the on it that the object has. It is just a black shape.

blocked

see-through

shadow

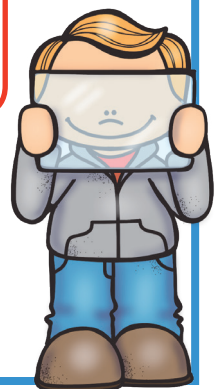
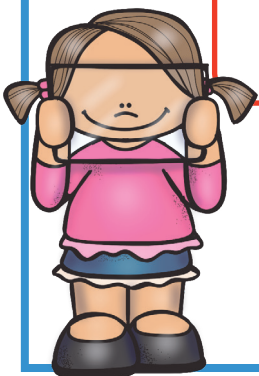
travels

details

opaque

shapes

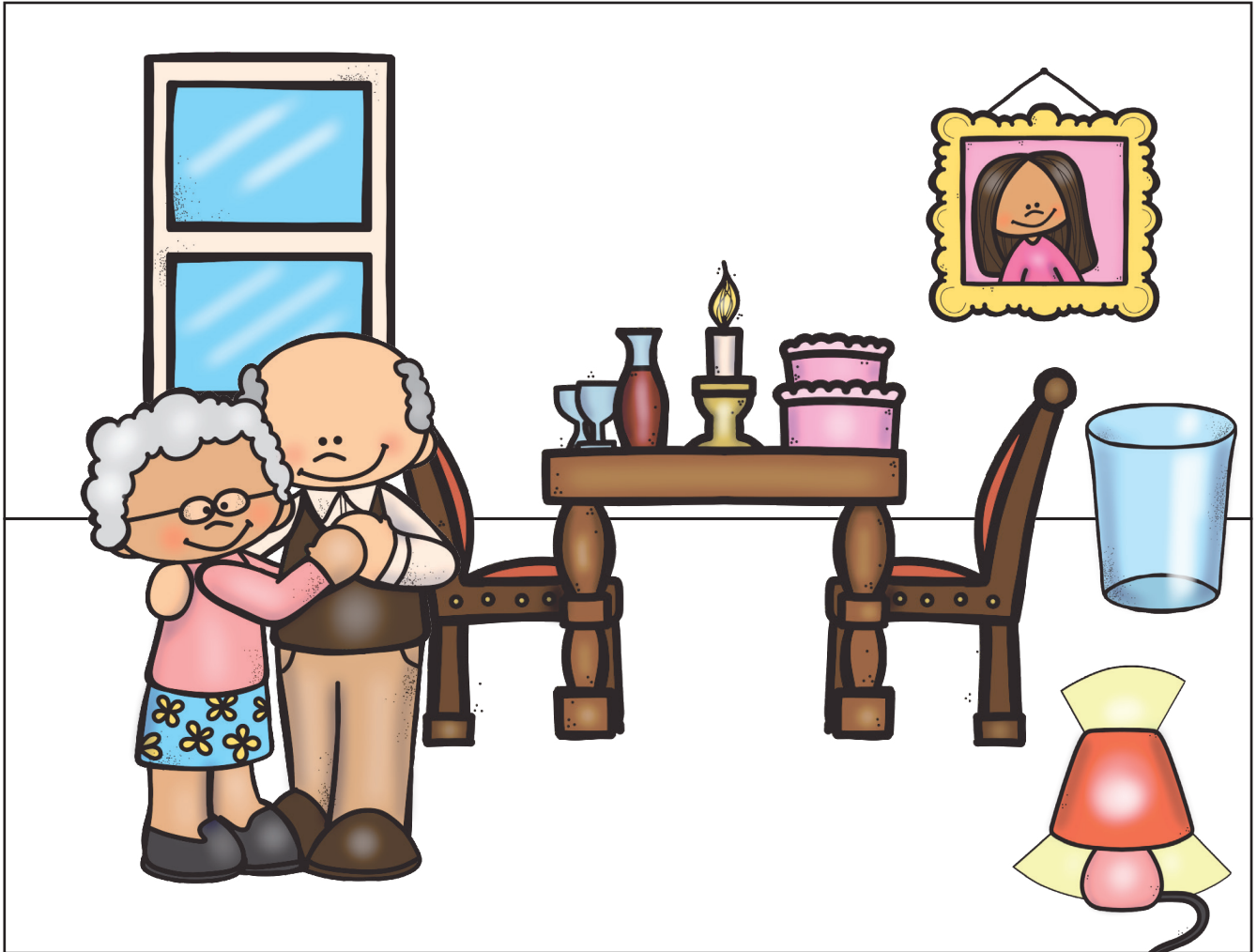
pass



How are shadows formed?

Look at the picture below.

Circle at least 3 transparent objects and at least 3 opaque objects.



Challenge — Can you spot the translucent item?

How are shadows formed?

Answers

Read the passage below and fill in the gaps using the words in the box.

Light **travels** in straight lines. When light hits a transparent object, it can **pass** straight through it because a transparent object is **see-through** When light hits something that is translucent, only some of the light can pass through. We can see **shapes** through translucent objects but not see clearly through them.

An **opaque** object is one that does not allow any light through at all. When light hits an opaque object, it is **blocked** This causes a **shadow** to be formed. The shadow will be the same shape as the object but does not have any of the **details** on it that the object has. It is just a black shape.

blocked

see-through

shadow

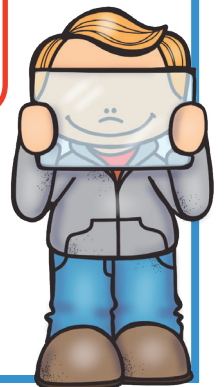
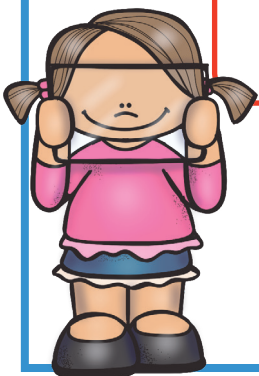
travels

details

opaque

shapes

pass



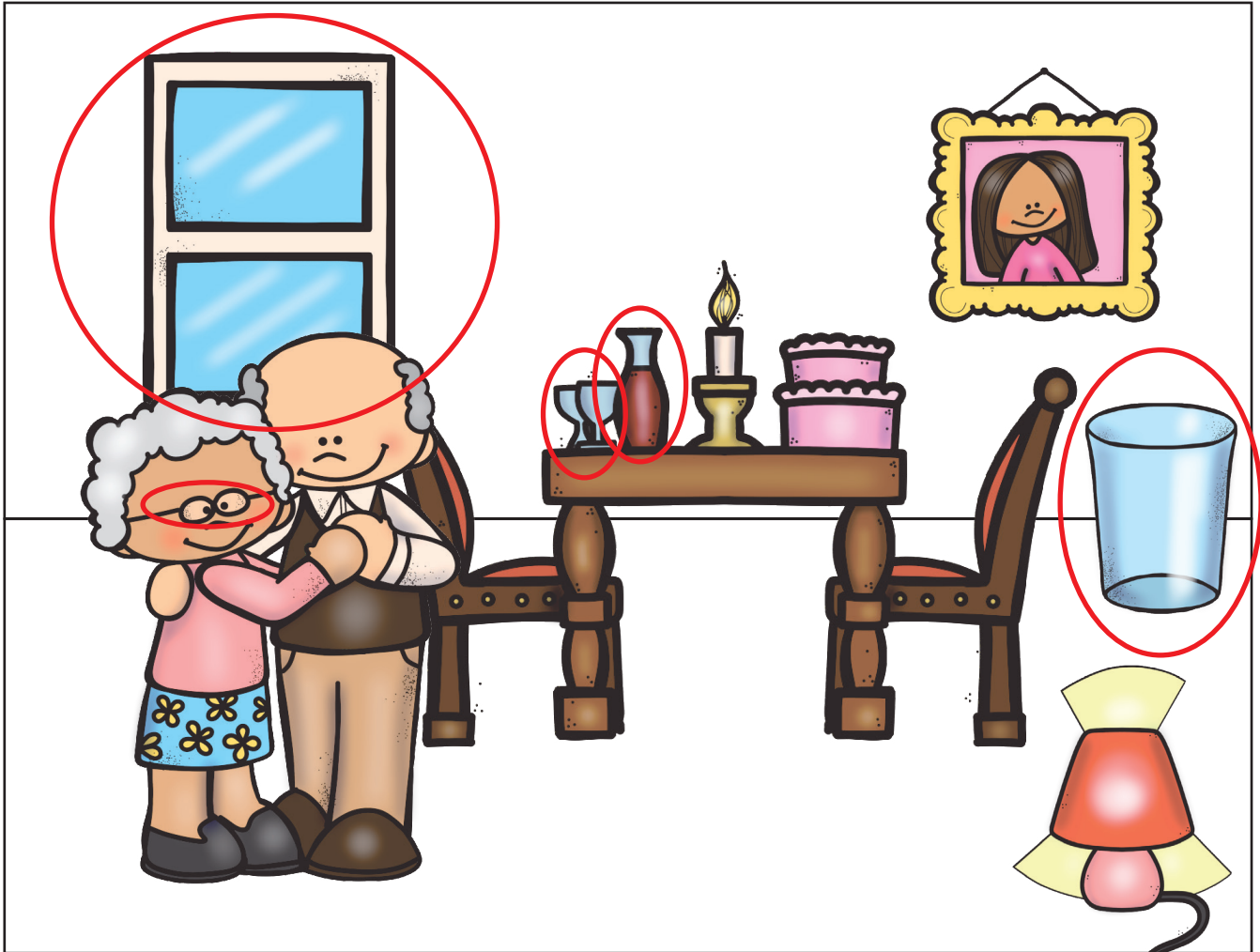
How are shadows formed?

Answers

Look at the picture below.

Circle at least 3 transparent objects and at least 3 opaque objects.

Transparent



Challenge — Can you spot the translucent item?

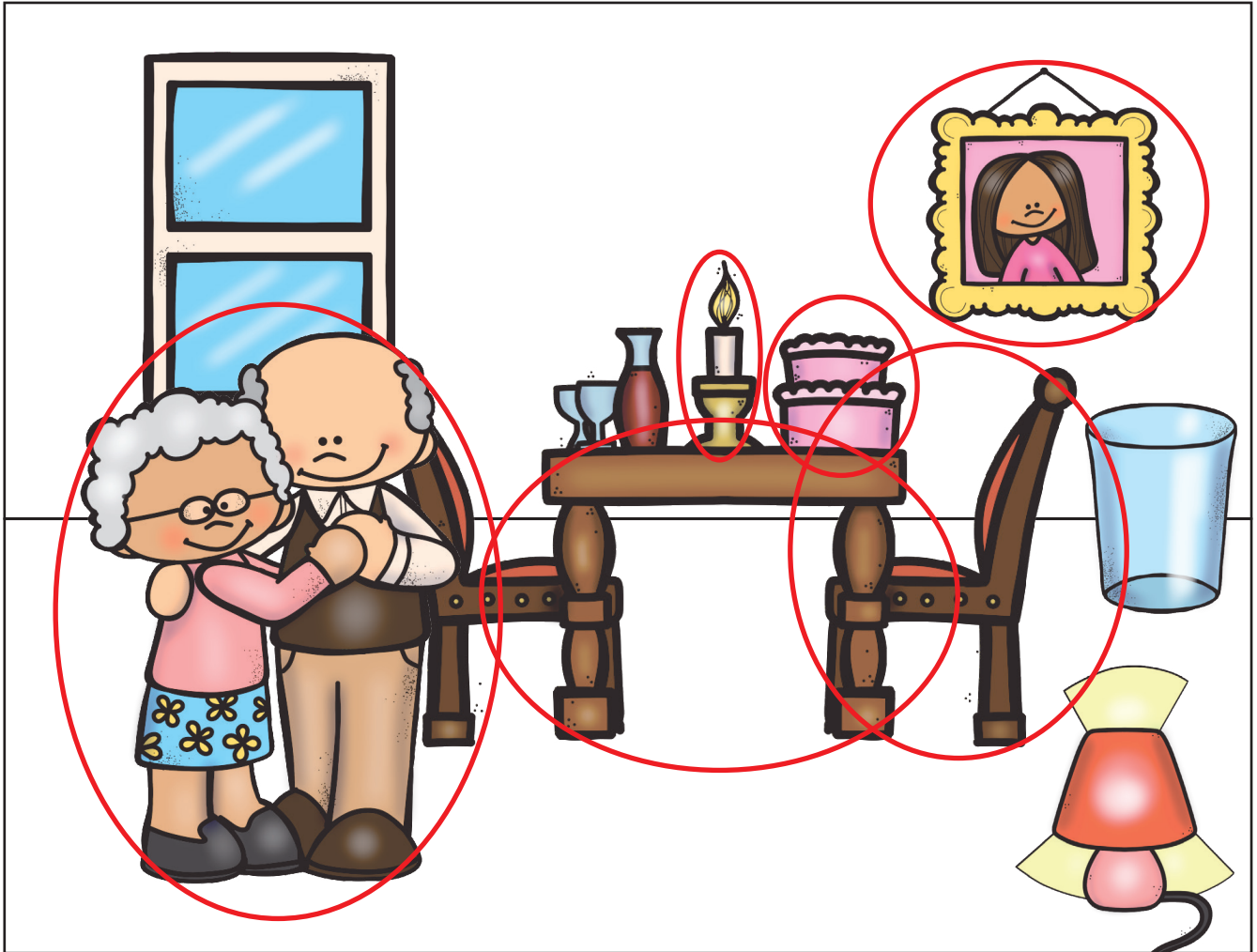
How are shadows formed?

Answers

Look at the picture below.

Circle at least 3 transparent objects and at least 3 opaque objects.

Opaque



Challenge — Can you spot the translucent item?

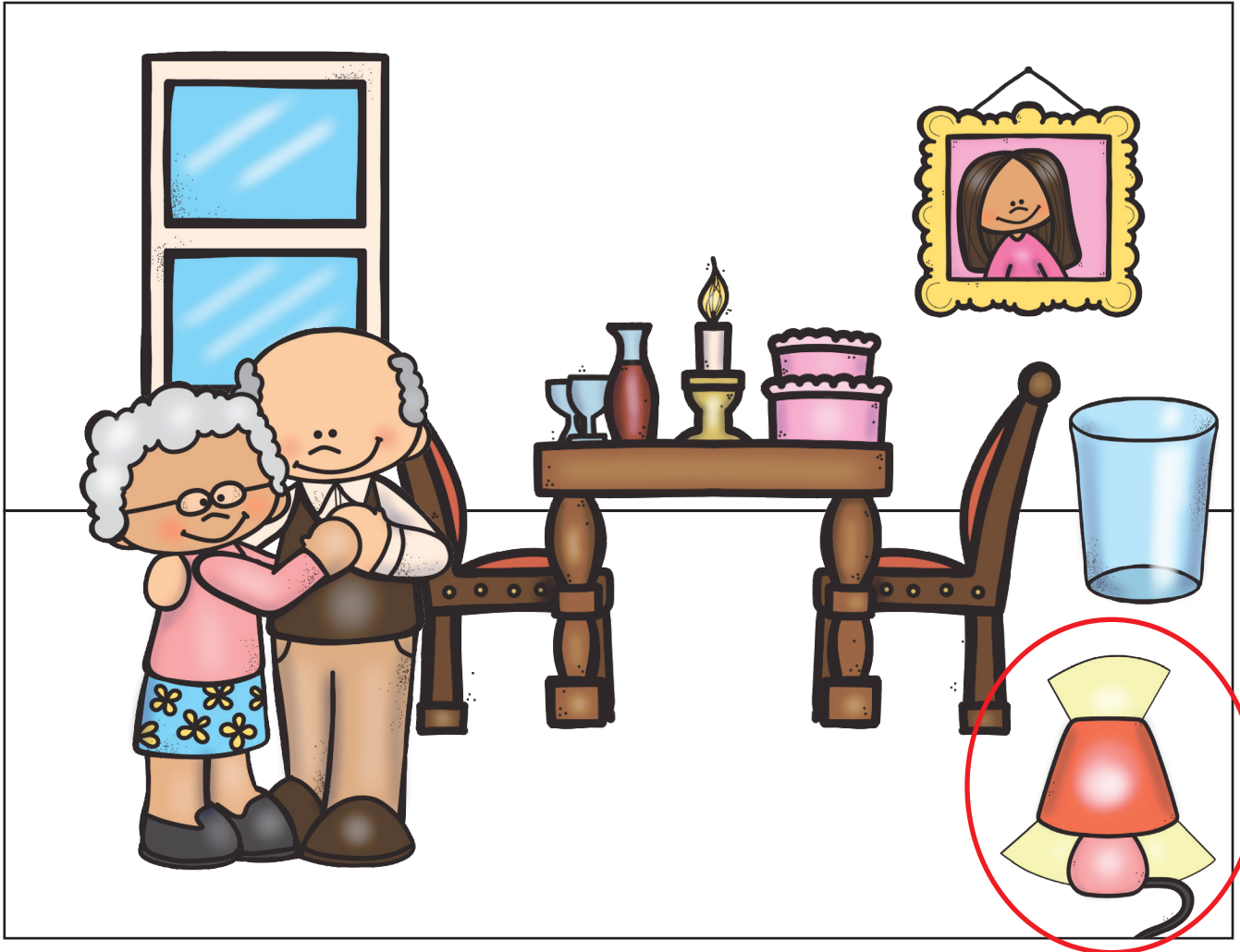
How are shadows formed?

Answers

Look at the picture below.

Circle at least 3 transparent objects and at least 3 opaque objects.

Translucent



Challenge — Can you spot the translucent item?