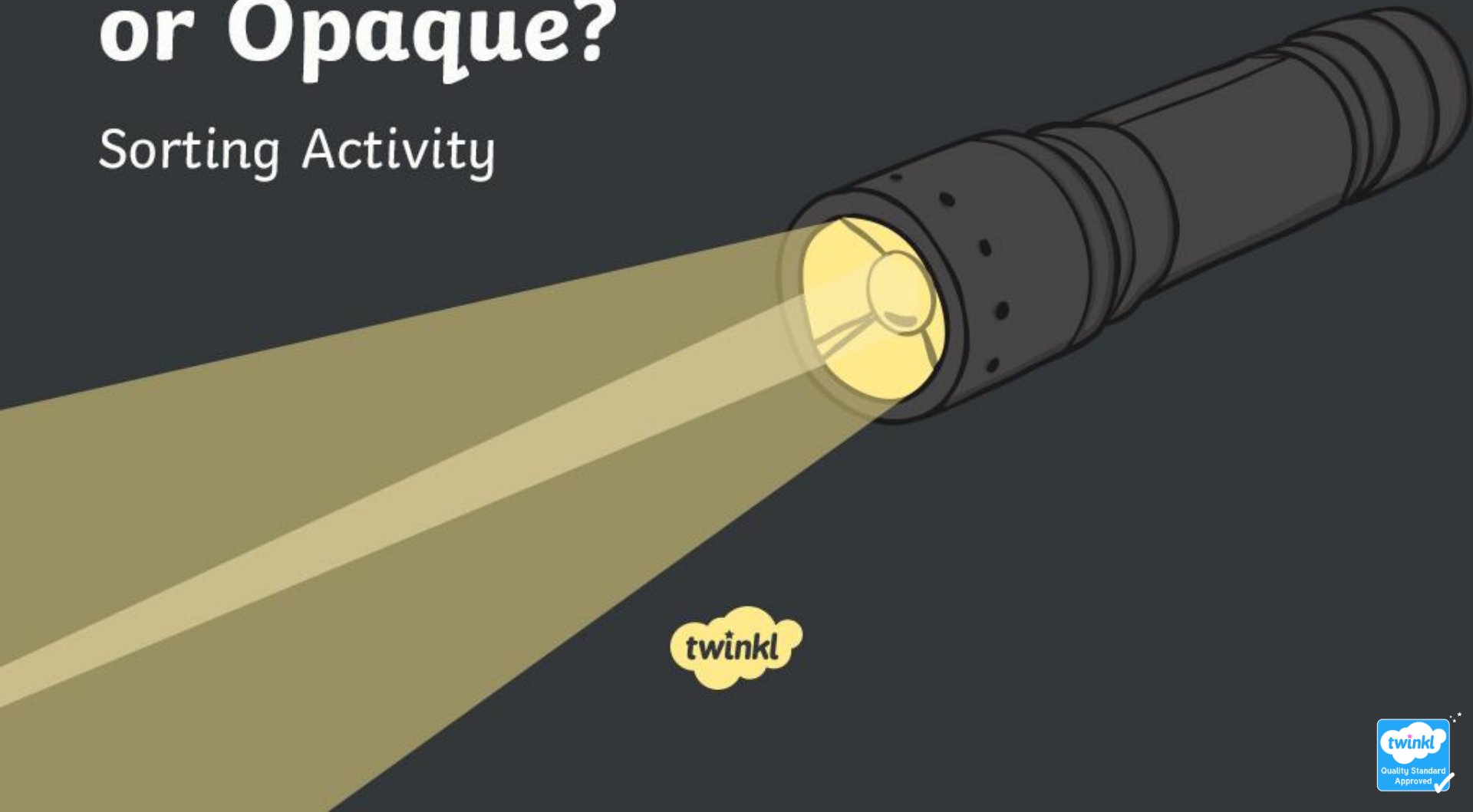


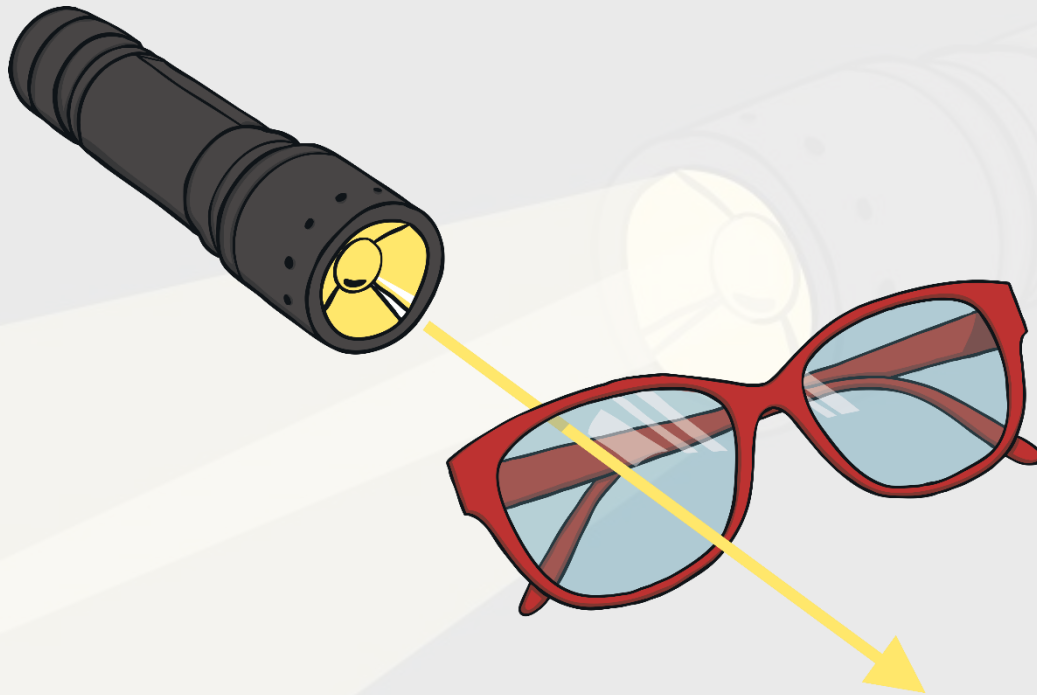
Transparent, Translucent or Opaque?

Sorting Activity



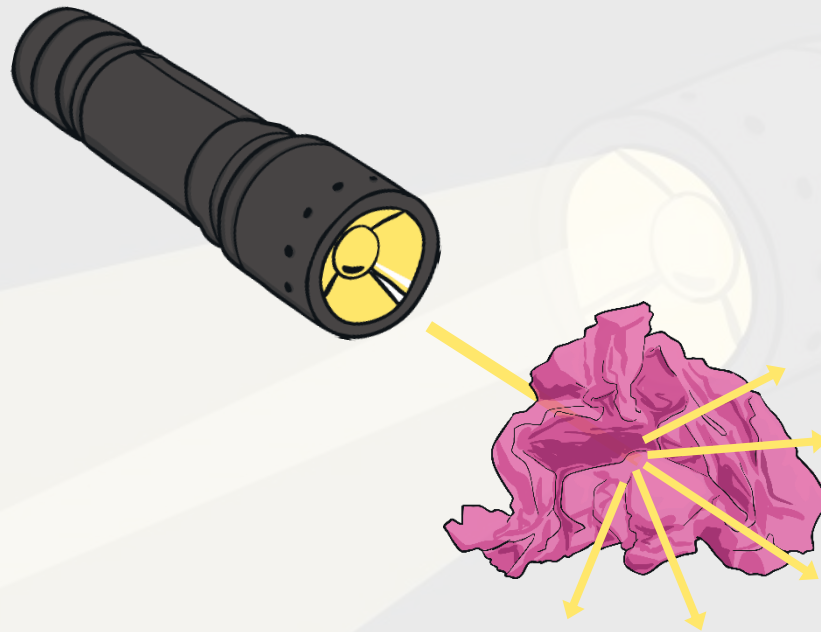
Transparent

If an object is transparent, it means light completely passes through it and you can see clearly through it.



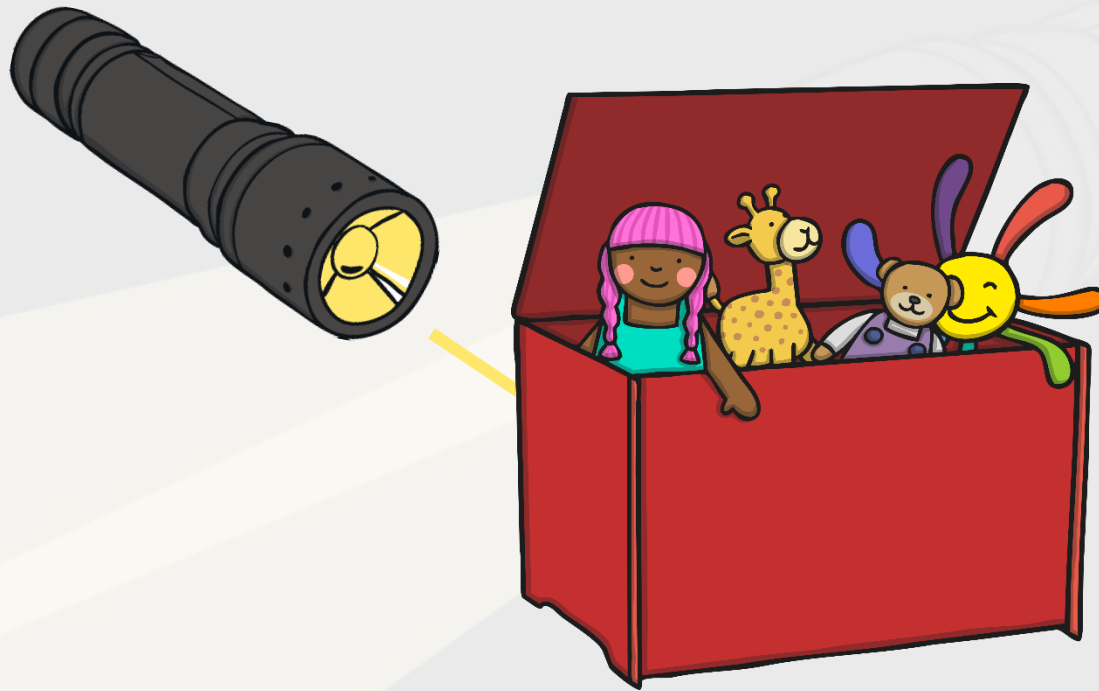
Translucent

If an object is translucent, it means that some light passes through it but the light is scattered so you can't see clearly through it. You might be able to see some of the object but it might be blurry or unclear.



Opaque

If an object is opaque, it means no light can pass through it. It blocks the light.



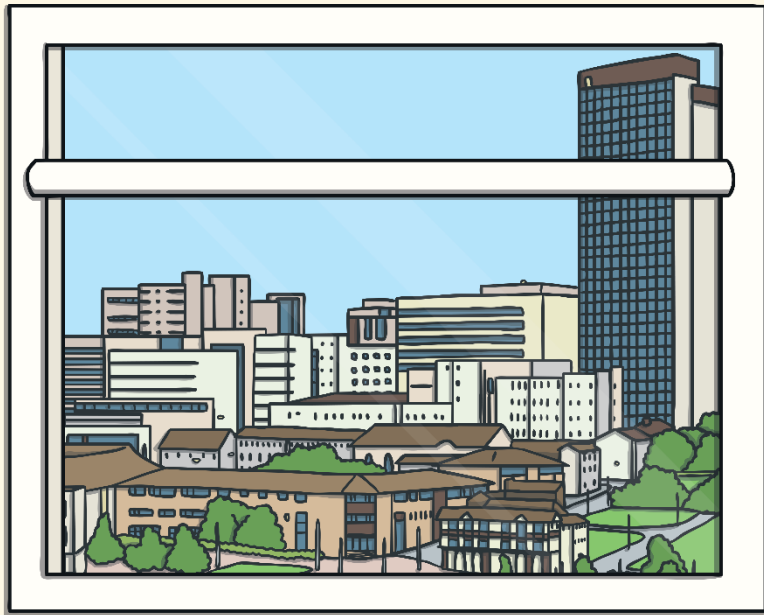
What Do You Think?

Look at these objects and decide if you think they are translucent, transparent or opaque.



Transparent, Translucent or Opaque?

1. A window



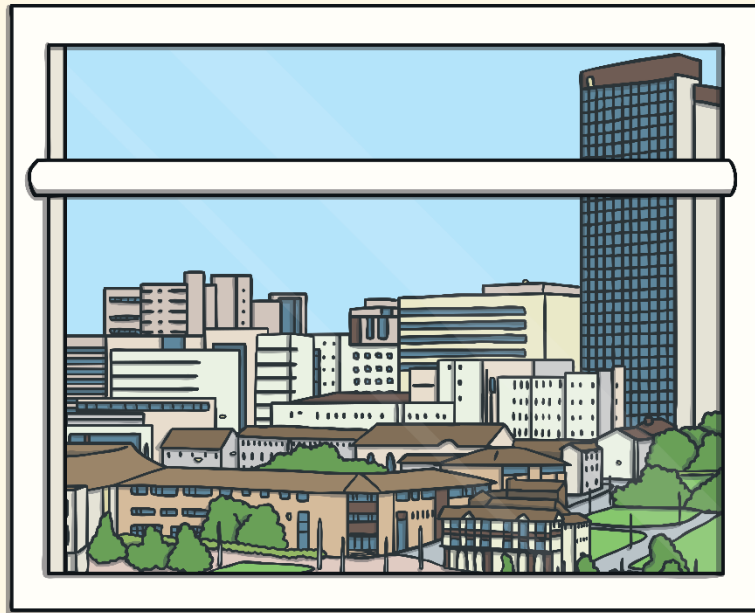
Click on an answer below to see if you're correct.

Transparent

Translucent

Opaque

The answer was..



Transparent

We can see
clearly through a
window!

Transparent, Translucent or Opaque?

2. Glasses



Click on an answer below to see if you're correct.

Transparent

Translucent

Opaque

The answer was..



Transparent

We can see
clearly through a
pair of glasses

Transparent, Translucent or Opaque?

3. A book



Click on an answer below to see if you're correct.

Transparent

Translucent

Opaque

The answer was..



Opaque

We cannot see
through a book

Transparent, Translucent or Opaque?

5. A glass jar



Click on an answer below to see if you're correct.

Transparent

Translucent

Opaque

The answer was..

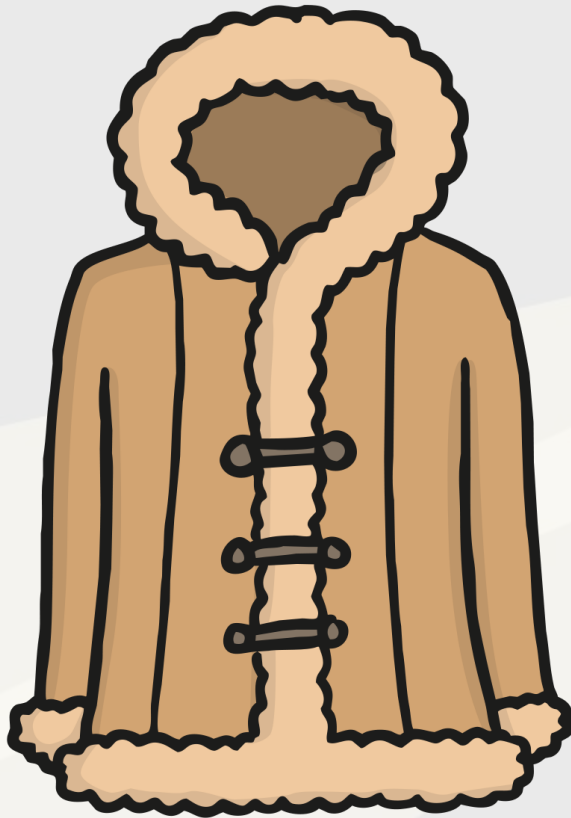


Transparent

We can see clearly through a glass jar!

Transparent, Translucent or Opaque?

6. A coat



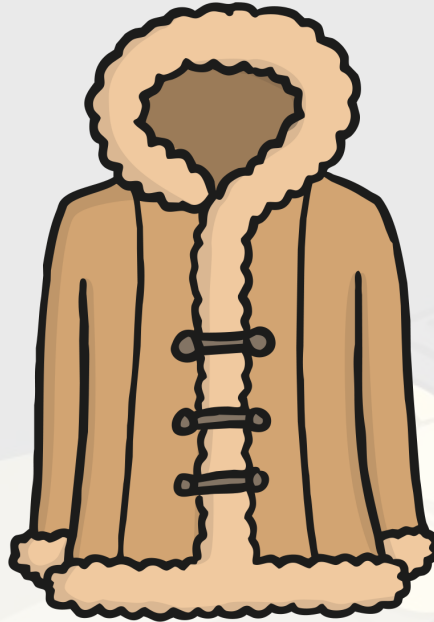
Click on an answer below to see if you're correct.

Transparent

Translucent

Opaque

The answer was..

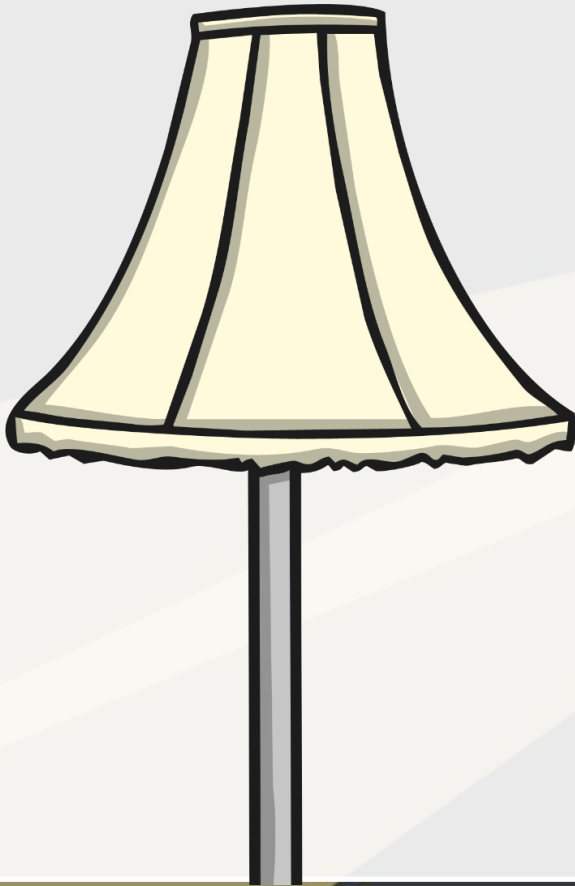


Opaque

We cannot see
through a coat

Transparent, Translucent or Opaque?

7. A lamp shade



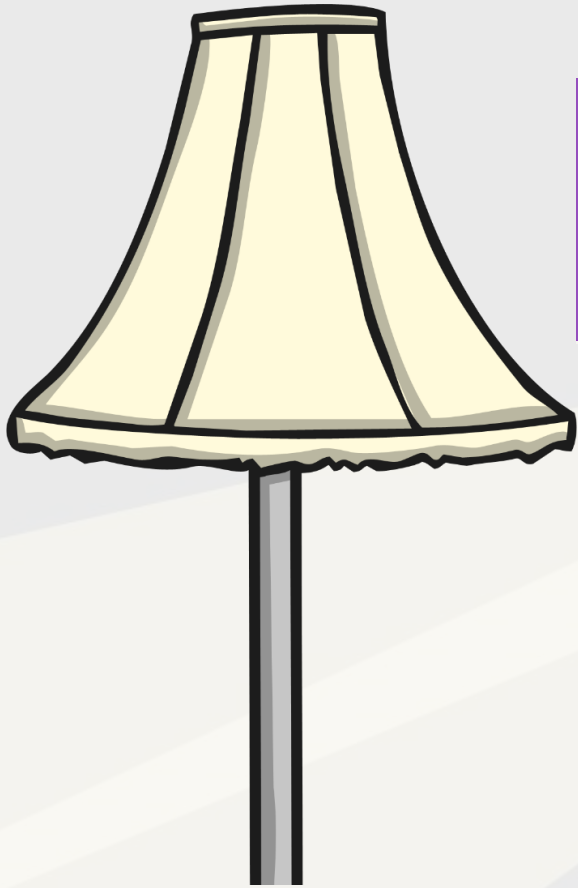
Click on an answer below to see if you're correct.

Transparent

Translucent

Opaque

The answer was..

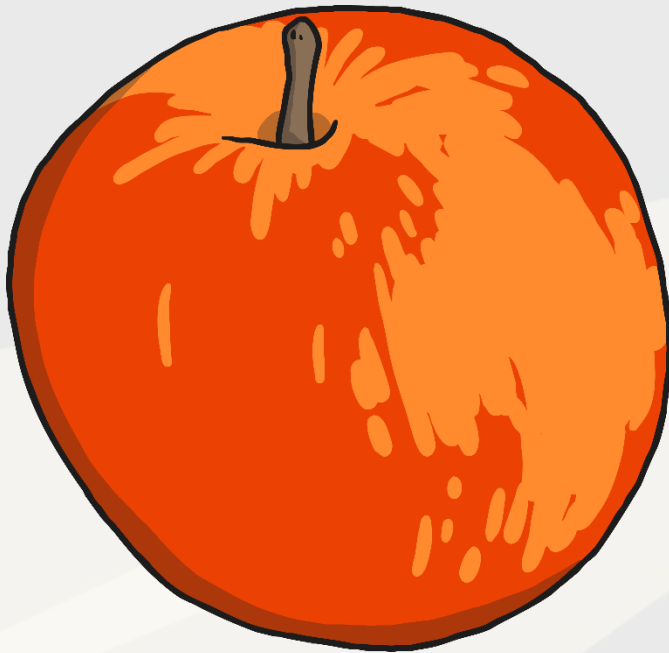


Translucent

It lets some of the light through. It cannot be transparent otherwise there would be no point having the lamp shade on!

Transparent, Translucent or Opaque?

8. An apple



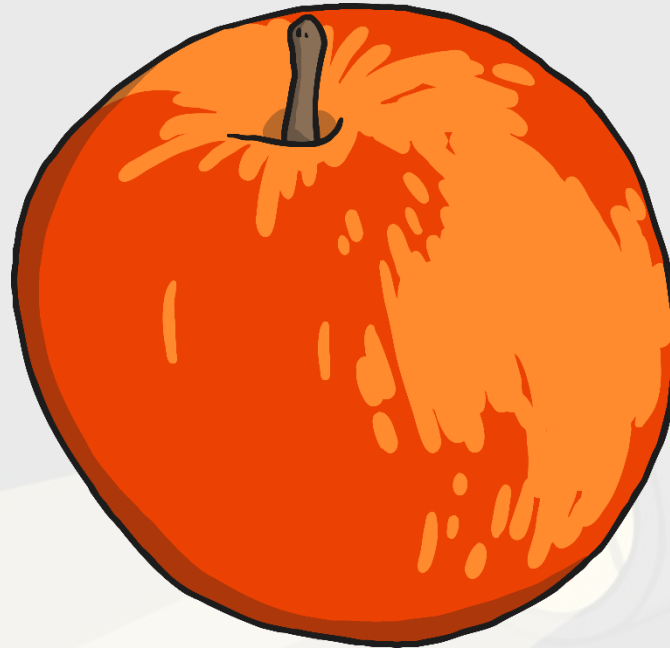
Click on an answer below to see if you're correct.

Transparent

Translucent

Opaque

The answer was..

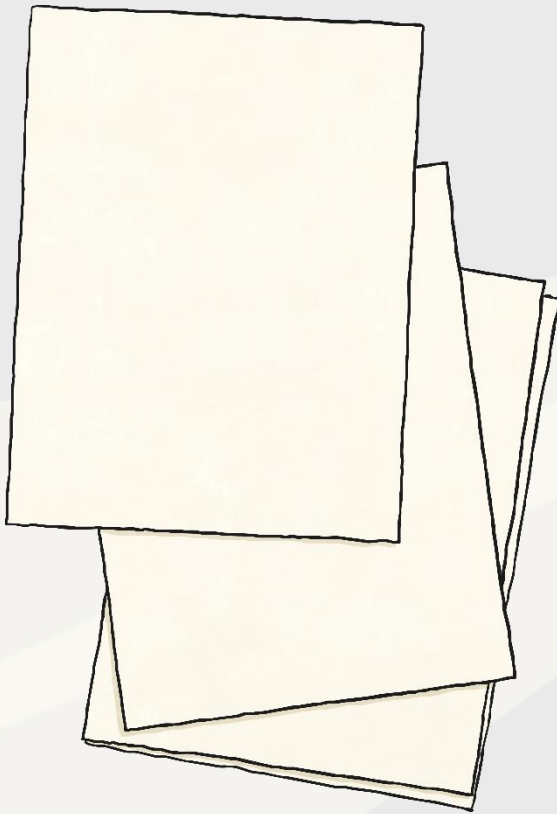


Opaque

We cannot see
through an apple

Transparent, Translucent or Opaque?

9. A sheet of paper



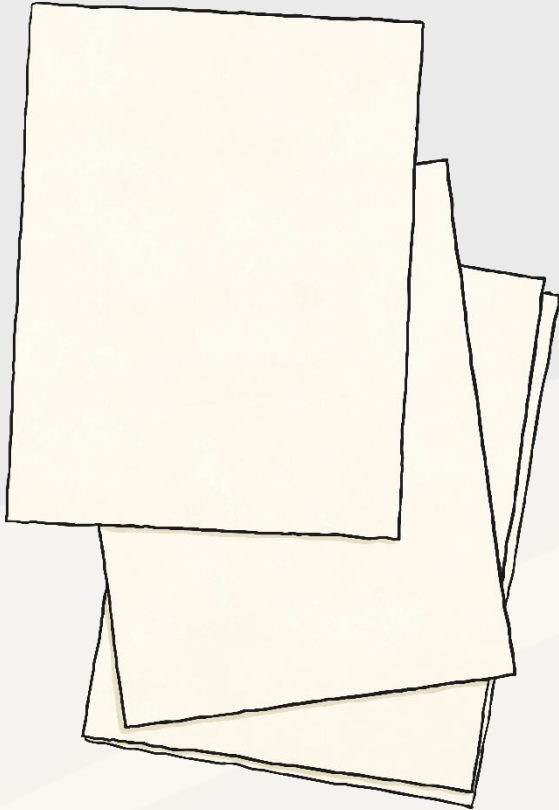
Click on an answer below to see if you're correct.

Transparent

Translucent

Opaque

The answer was..

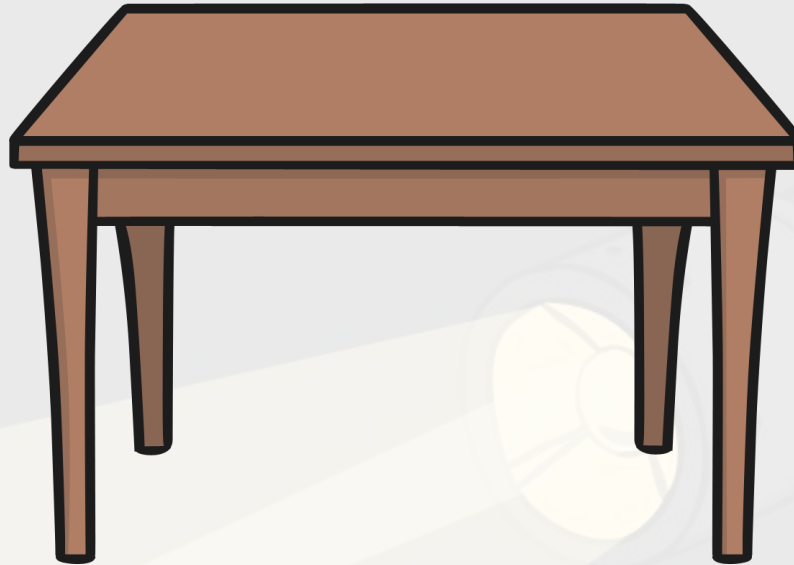


Translucent

If we shone a torch on a piece of paper. We would be able to see the light from the torch but we wouldn't be able to see through it clearly.

Transparent, Translucent or Opaque?

10. A table



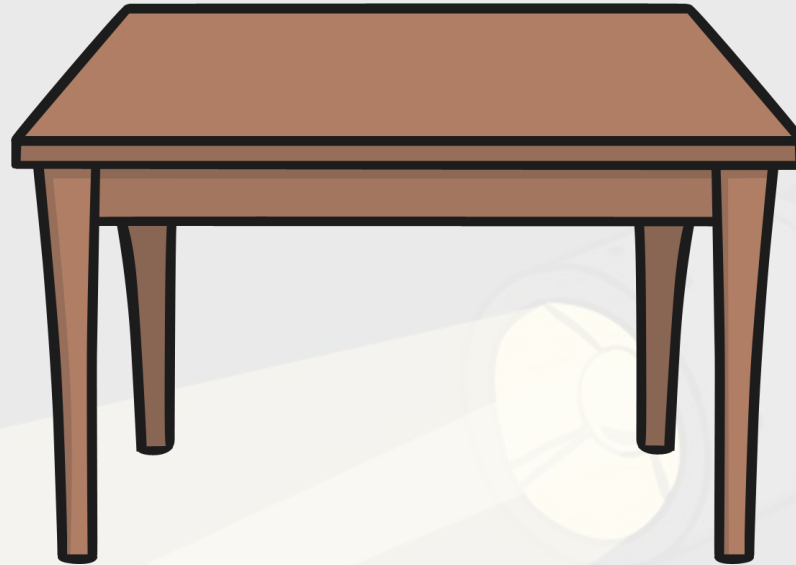
Click on an answer below to see if you're correct.

Transparent

Translucent

Opaque

The answer was..

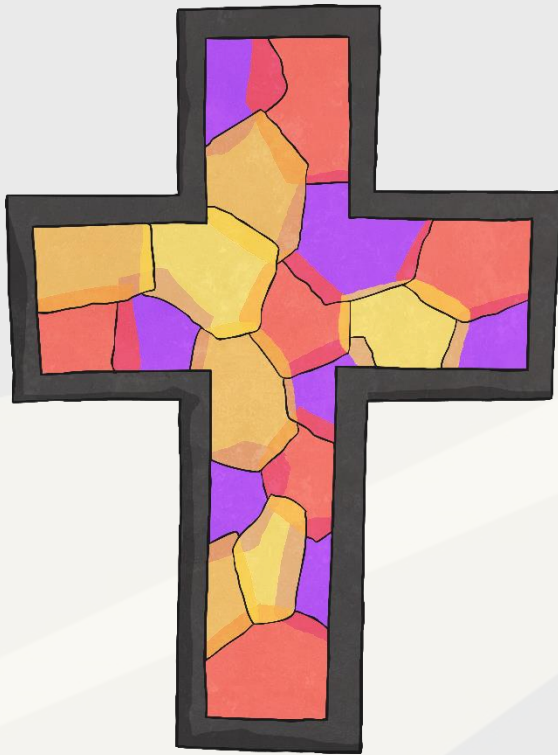


Opaque

We cannot see
through a
wooden table!

Transparent, Translucent or Opaque?

11. A stained glass window



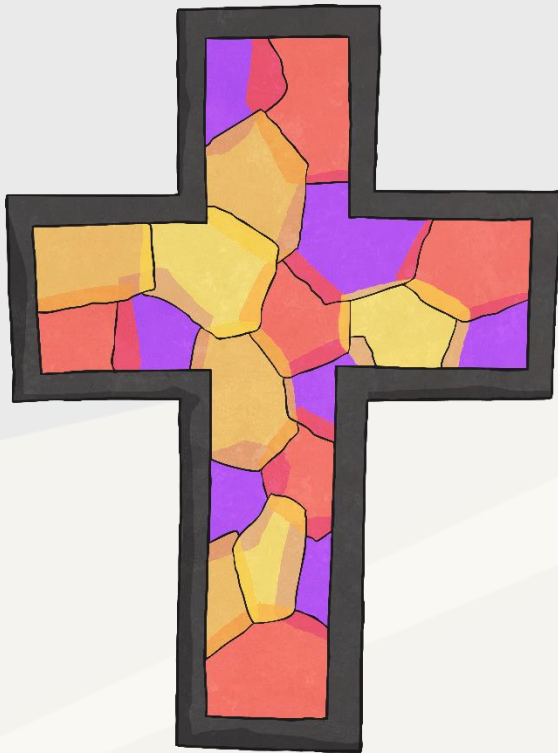
Click on an answer below to see if you're correct.

Transparent

Translucent

Opaque

The answer was..



Translucent

It lets some light through but we cannot see clearly through it like we can a plain window.

Activity

Use the Sorting activity worksheet and cut out the pictures. You then need to sort them into whether they are translucent, transparent or opaque. If you don't have a printer, you can draw the pictures into a table!

After you have finished, go exploring round your house to see if there is anything else you can add into your grid. How many opaque, translucent and transparent objects are there?

Which do you have the most of in your house?
Transparent, translucent or opaque objects?

