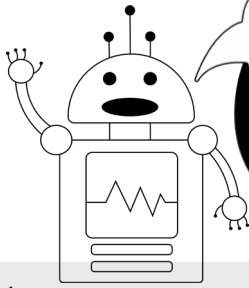


Date: _____

Name: _____

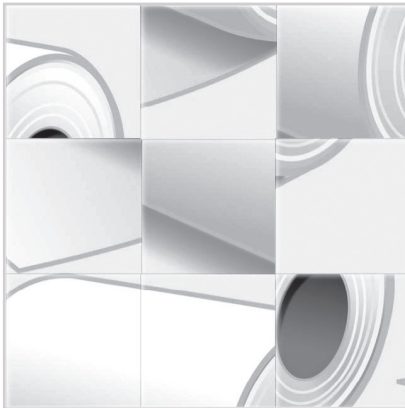
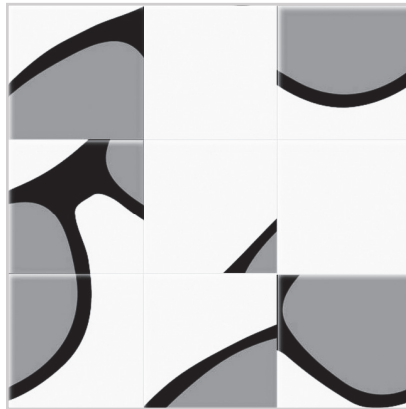
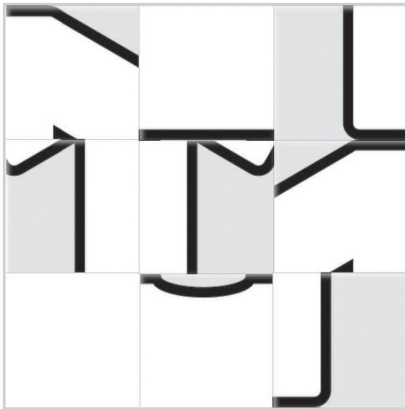
Opacity Unscramble

This activity was created by Huda

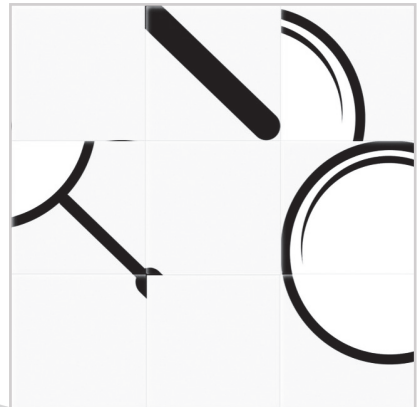
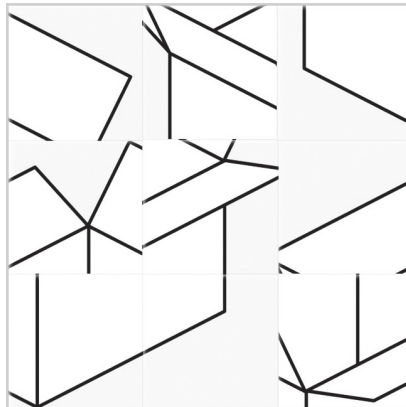


Hi, friend! Can you help me? I recognize digital images by storing information about the colour of each tiny piece of the image (called a **pixel**), but something went wrong with the way I saved these images! Can you help me unscramble them?

Using scissors, cut out each image, and cut out the squares that make up the image. Unscramble the image to find out what it is, then go to page 15 and glue it back together and place it in the correct category (opaque, translucent, or transparent).

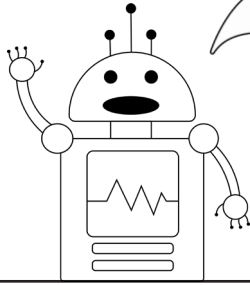


SL



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Date: _____ Name: _____



Thanks for helping me unscramble my images! Now we have to sort them! Sorting helps computers like me store and retrieve information. We need human help to figure out how to sort things though. As you sort each object into a category, think about what steps you are taking to make each decision. That's what I call a "**sorting algorithm**".

OPAQUE: light may not pass through the object

TRANSLUCENT: some light may pass through the object, but it is not clear

TRANSPARENT: all light may pass through the object, and it is very clear