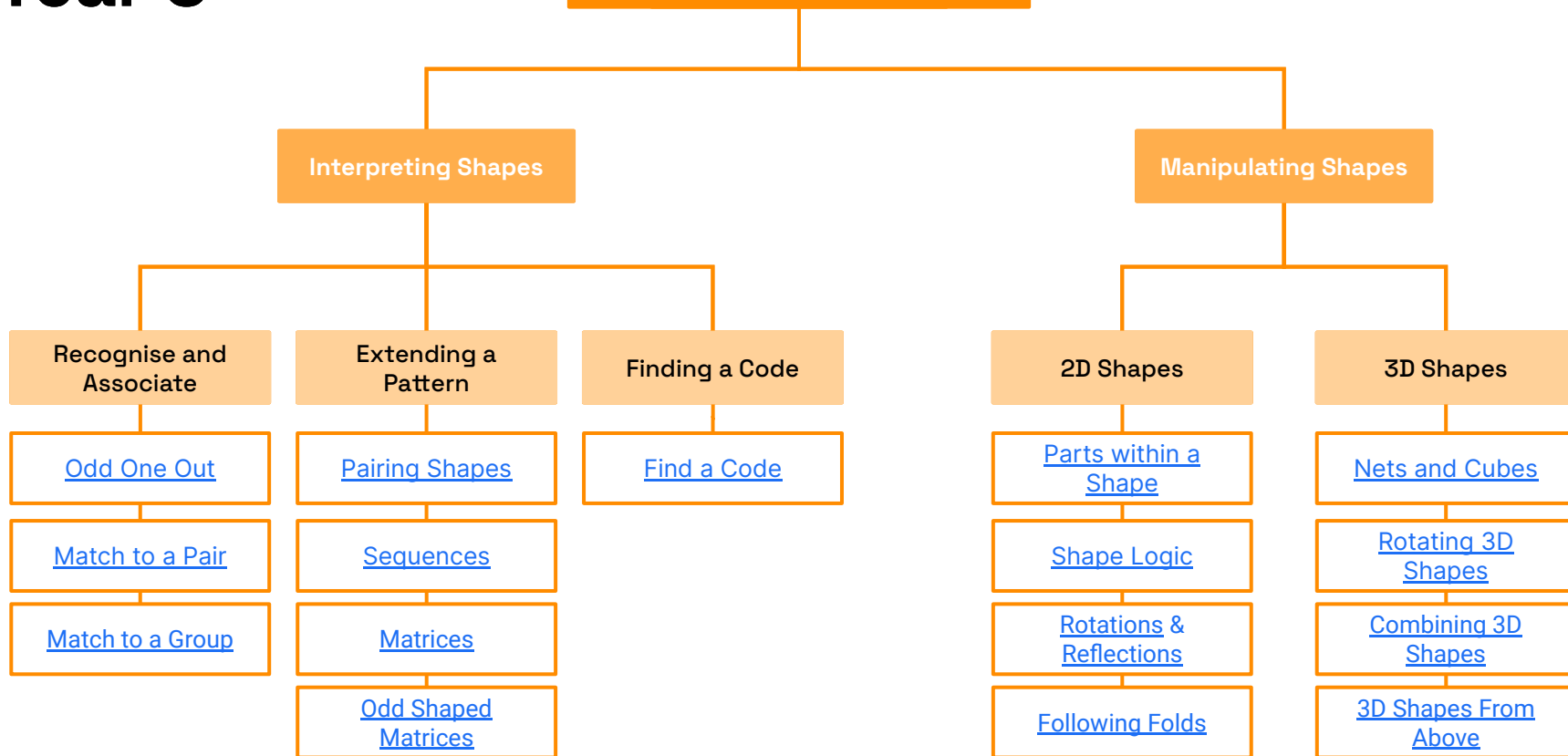


Year 3

Non-Verbal Reasoning

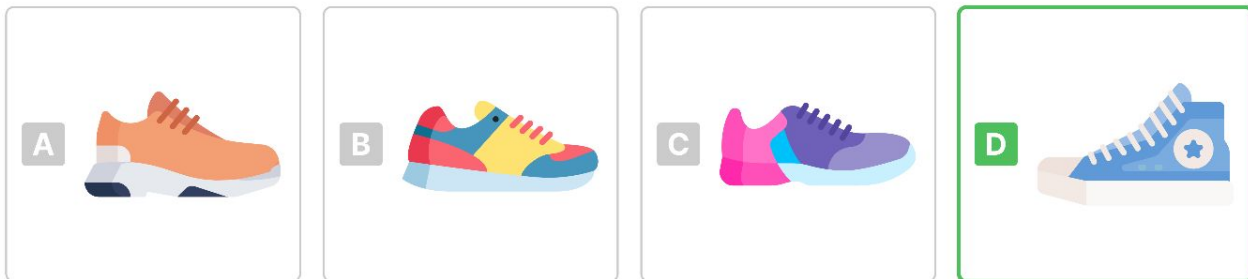


Odd One Out



In Odd One Out questions, students will be shown a group of images. They must select the image which is the most unlike the rest of the images.

Select the image which is most unlike the others.

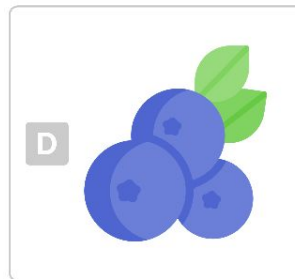
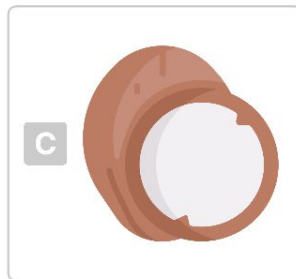
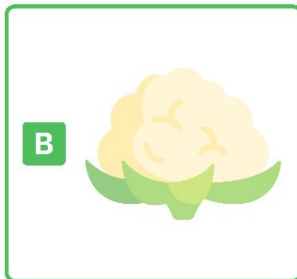


Match to a Pair



In Match to a Pair questions, students will be shown a pair of images. They must select the answer option which has the most in common with the pair of images.

Which of the options below could join this pair?

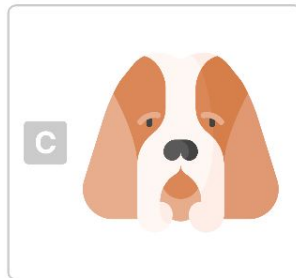
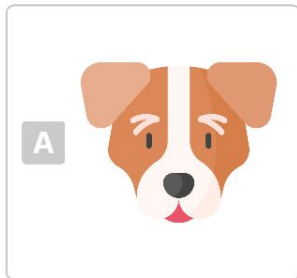


Match to a Group



In Match to a Pair questions, students will be shown a group of images. They must select the answer option which has the most in common with the group of images.

Which of the dogs best matches this group?



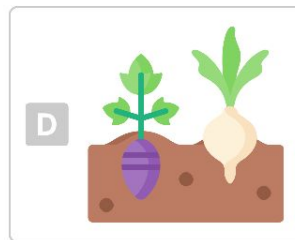
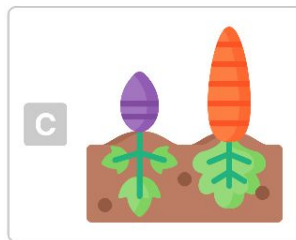
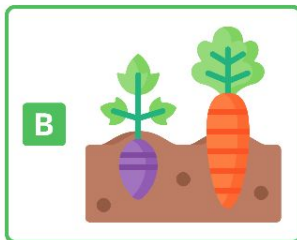
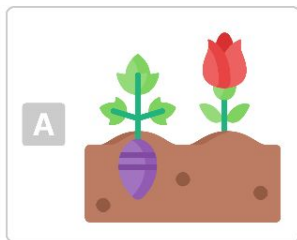
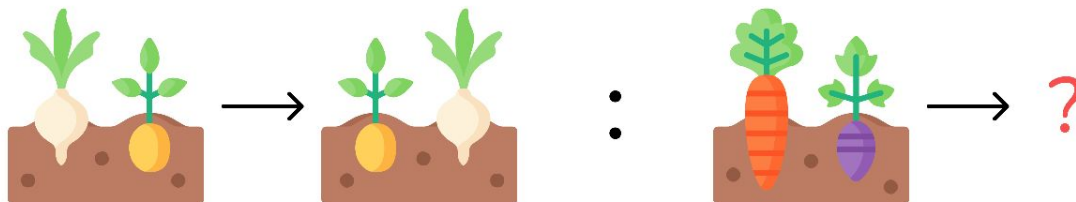
Pairing Shapes



In Pairing Shapes questions, students will see a pair of linked images. They will also see a third image, without a pair. Using the link from the first pair, students have to select the image that completes the second pair.

The first image has been changed to make the second image.

Which of the options applies the same change to the third image?

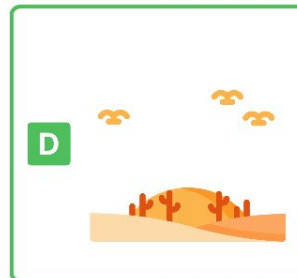
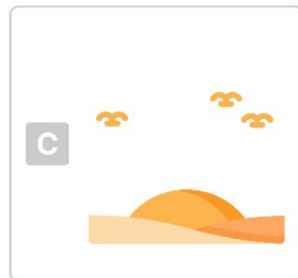
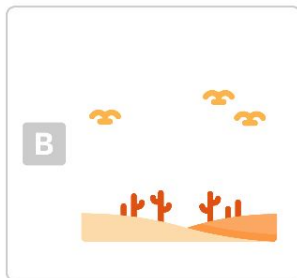
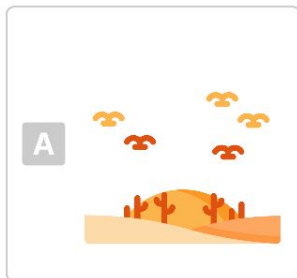


Sequences



In Sequences questions, students will be shown an incomplete sequence of images. They will have to choose the answer option that best completes the sequence.

Select the image that completes the sequence.

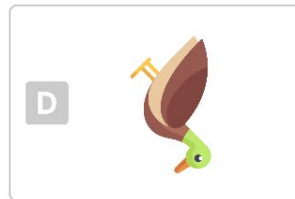
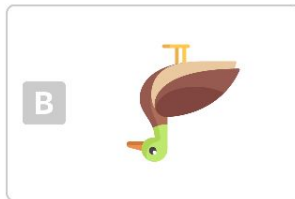
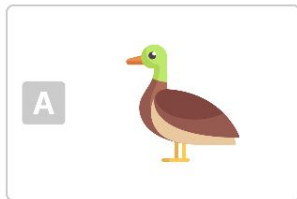
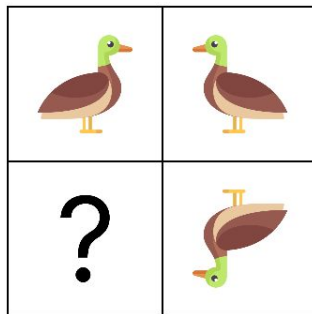


Matrices



A matrix is a grid in which images are organised according to a pattern. In Matrices questions, students will have to select the image that correctly completes a matrix.

This matrix is incomplete. Which duck should fill the gap?

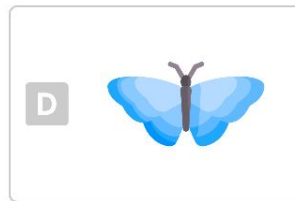
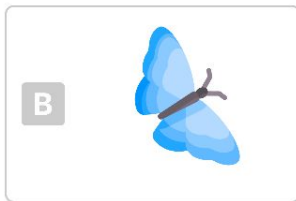
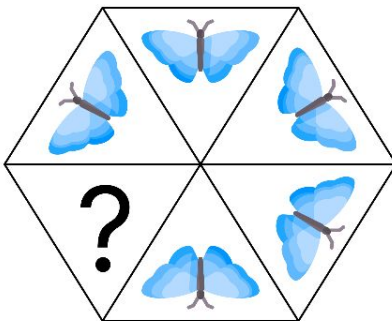


Odd Shaped Matrices



A matrix is a grid in which images are organised according to a pattern. In Odd Shaped Matrices questions, students will have to select the image that correctly completes an irregularly-shaped matrix.

A butterfly is flying around this incomplete matrix. Which butterfly should fill the gap?



Find a Code

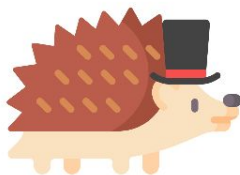


In Find a Code questions, students will see a set of images that are each linked to a one- or two-letter code. Each letter in the code represents a feature of the image above it. Students must work out the code that represents the final image.

Identify the code which applies to the final image.



LN



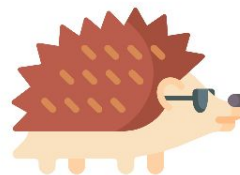
RH



LG



LH



?

A LG

B RH

C RG

D RN

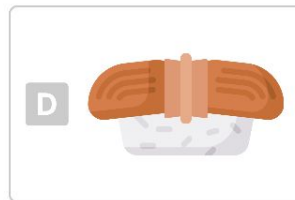
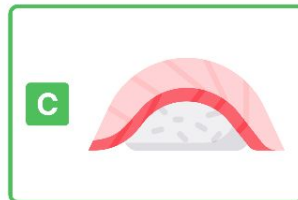
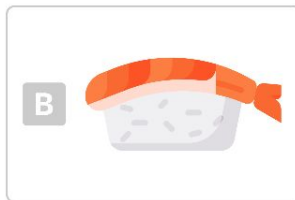
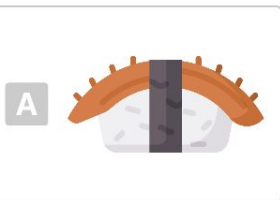
Back

Parts Within a Shape



In Parts Within a Shape questions, students must select the image that is or is not present in a group of images.

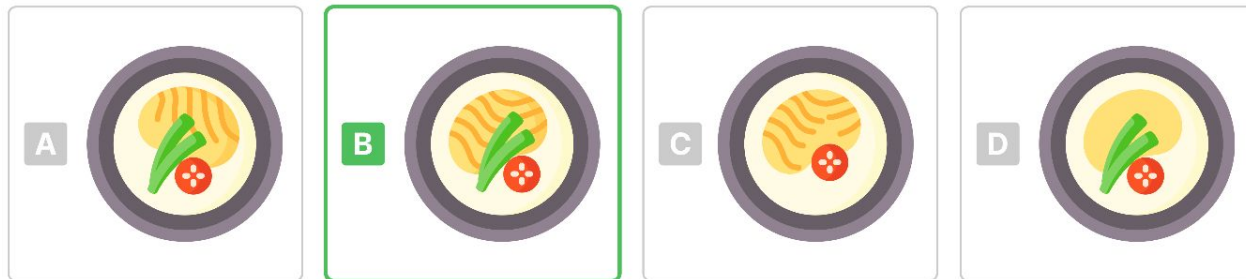
Which of the answer options below does **not** feature in this group?





In Shape Logic questions, students must select the option which has combined the two given images. Neither image will have been rotated.

Select the image which is a combination of these two images.

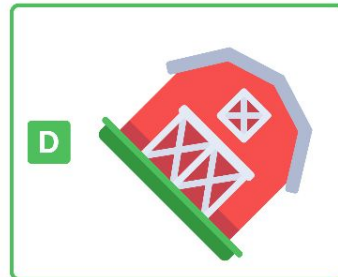
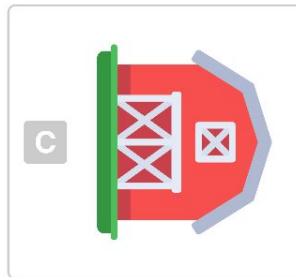
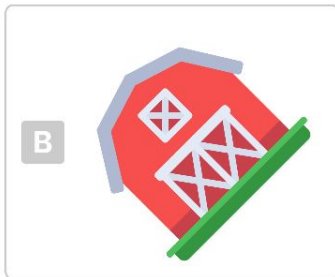
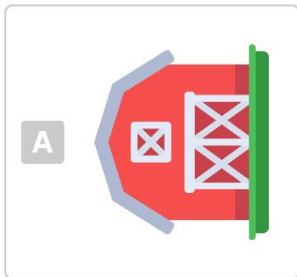
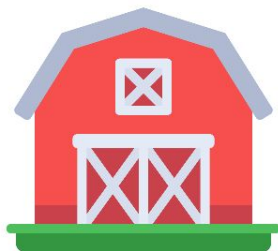


Rotations



In Rotations questions, students must select the image which shows a specific rotation of the main image.

Which image is a **45° clockwise rotation** of the main image?

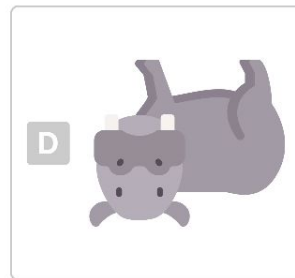
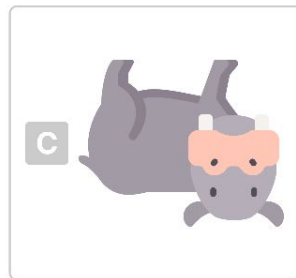
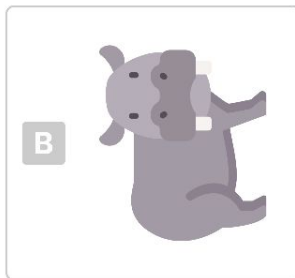
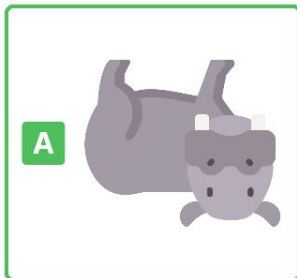
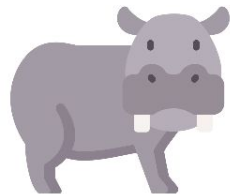


Reflections



In Reflections questions, students must select the image which shows a specific reflection of the main image.

Select the image that is a reflection of the hippo across a **horizontal line**.

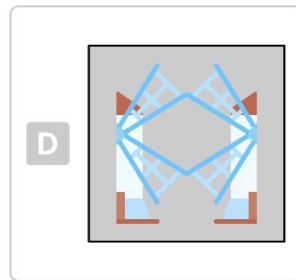
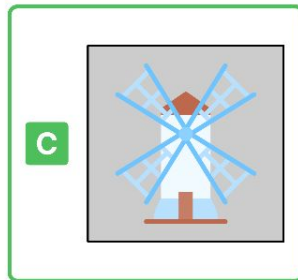
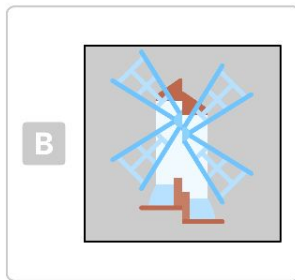
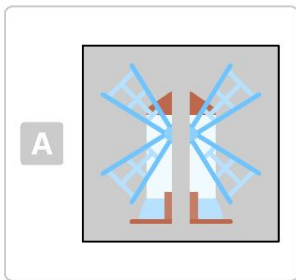
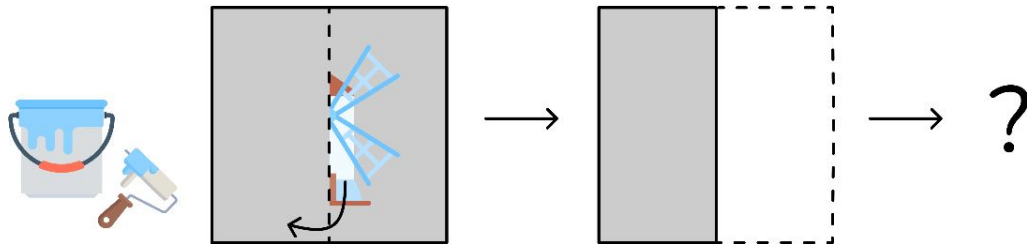


Following Folds



In Following Folds questions, students are shown a piece of paper that has wet paint on it. The paper is then folded, spreading the wet paint to the other half of the paper. Students must select the 'unfolded' result.

This piece of paper has been painted and then folded. What does the paper look like unfolded?

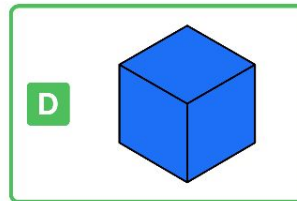
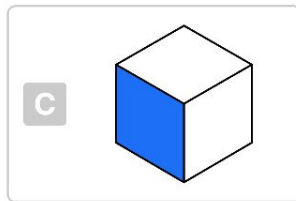
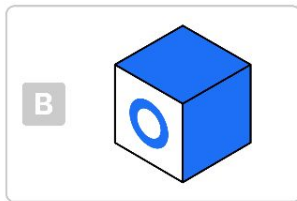
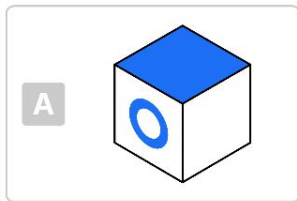
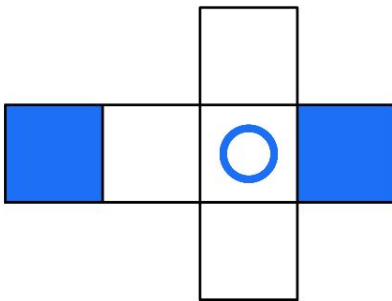


Nets and Cubes



In Nets and Cubes questions, students are asked to select the cube that could, or could not, be made from a given net.

Which of the cubes below **cannot** be made by folding this net?

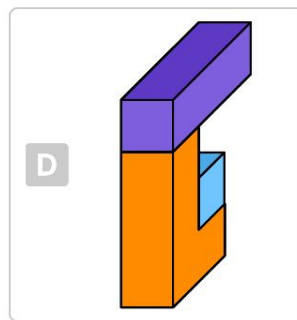
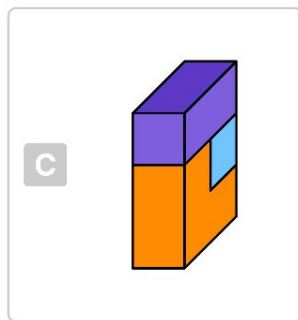
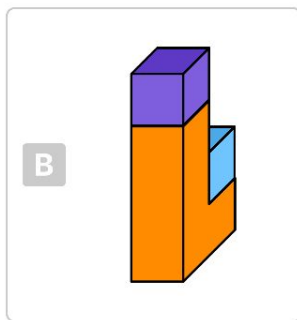
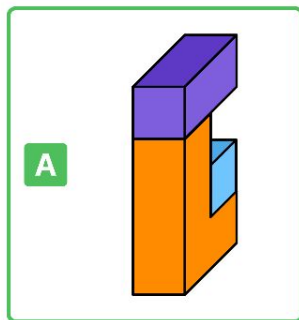


Rotating 3D Shapes



In Rotating 3D shapes questions, students will be asked to choose the image that is a rotation of a 3D shape.

Look at the 3D shape below. Select the option which is a **90° rotation** to the right.

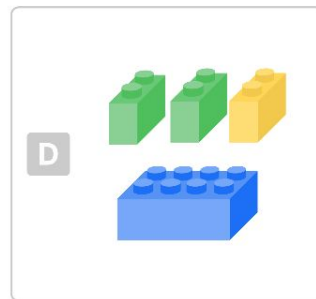
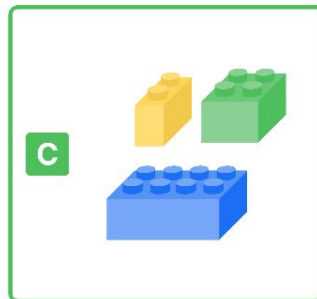
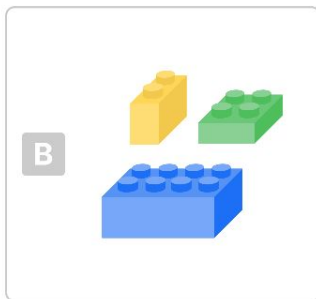
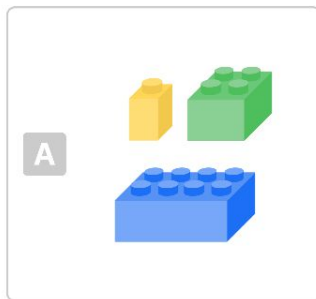
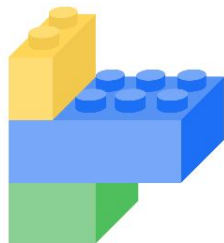


Combining 3D Shapes



In Combining 3D Shapes questions, students must select which group of blocks could make a specific 3D shape.

Which group of blocks could build this shape?



3D Shapes From Above



In 3D Shapes From Above questions, students must select the image that shows what a pile of blocks would look like from a birds-eye view.

Look at the 3D shape below. Select the option which shows what this shape would look like from above.

