

Ability to filter and focus on relevant facets of visual information (e.g., colors, shapes, patterns, separation of irrelevant and relevant visual information)

# Visualization | VI

## Typical Sample Tasks

How many objects are blue? Click on the correct number.

6   
  7   
  8   
  5

Which of the figures 1 to 5 is missing in the box at the bottom right?  
 Drag the correct one into the box with the question mark.

Which seashell has a different size than the rest? Click on it.

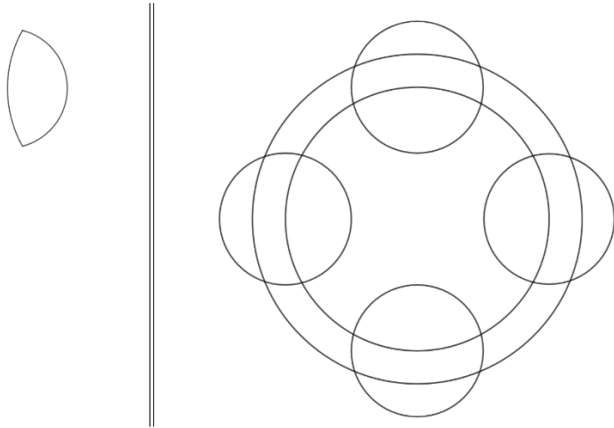
Which piece of the figure is missing? Click on the right answer.

# Form Constancy | FC

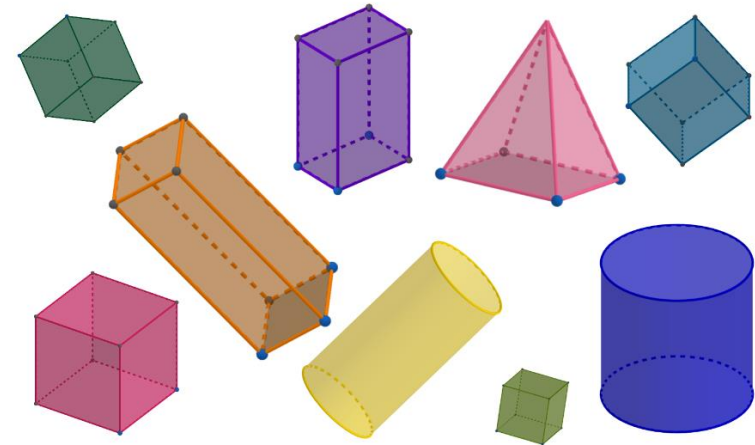
Ability to recognize objects based on their characteristics (e.g., recognize and distinguish similar objects such as triangles, squares, describe characteristics of objects)

## Typical Sample Tasks

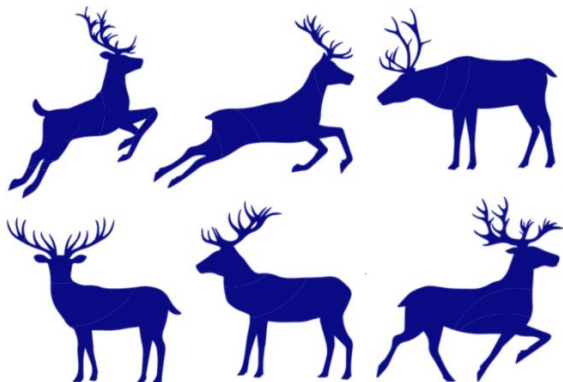
Look at the shape that is on the left.  
Now look at the figure on the right and spot where the same shape appears. Click on all those four spots.



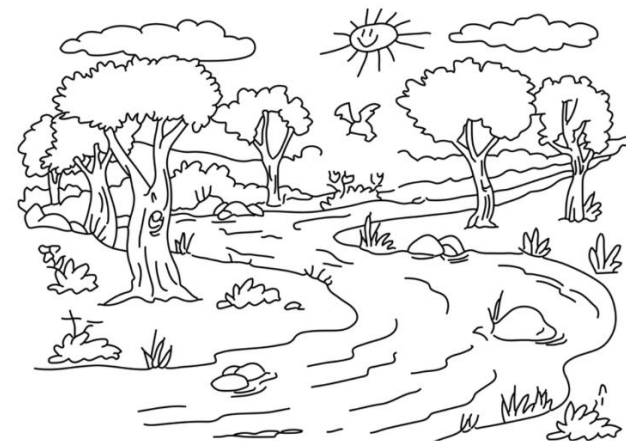
Find all the cubes and click on them.



Look at the figure on the right. That is part of one of the reindeer you see below.  
Click on the correct one.



Look at the image on the right. That is part of the big picture below.  
Spot that part on the big picture and click on it.



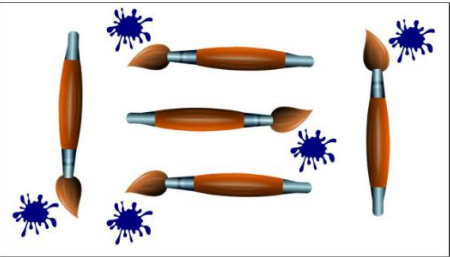
# Position in Space | PS

Ability to recognize relative positions of objects to each other (e.g., front, back, top, bottom, left, and right)

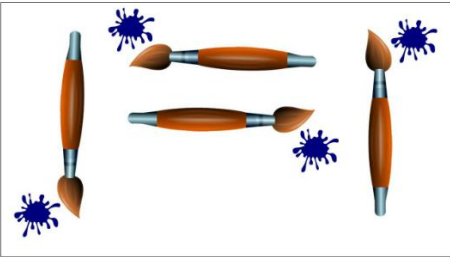
## Typical Sample Tasks

Look at the paintbrushes and their stains in picture 1. Which one is missing in picture 2? Click on it below.

1



2



Click on the figure that fits the following description:

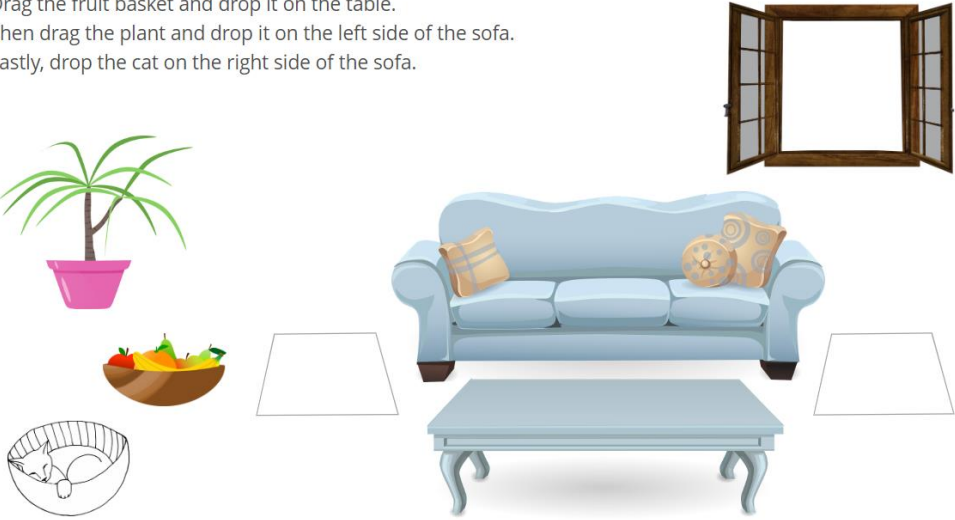
The banana is to the **right** of the tree and **above** the cap.



Click on the object that is in the **foremost** position.



Drag the fruit basket and drop it on the table.  
Then drag the plant and drop it on the left side of the sofa.  
Lastly, drop the cat on the right side of the sofa.

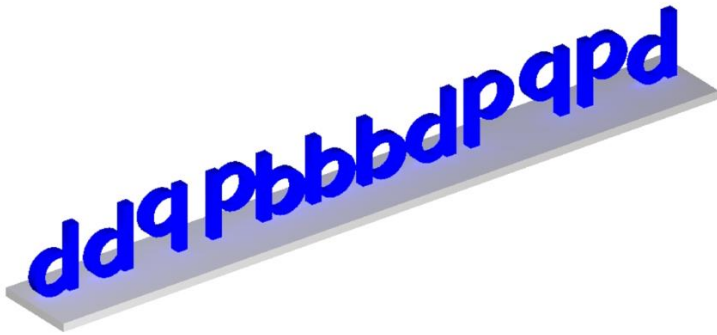


# Transformation in Space | TS

Ability to recognize the relationship between source object(s) and target object(s) when moving in space (e.g., be able to recognize slides, rotations, reflections, and scales)

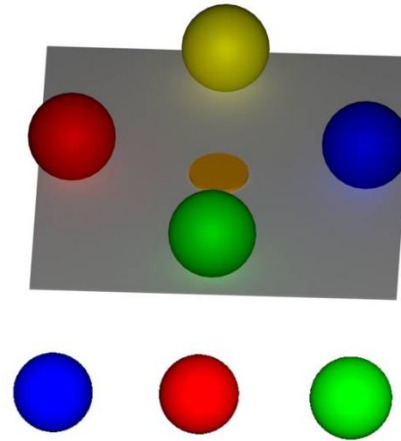
## Typical Sample Tasks

You can see here several p, q, b and d letters.  
How many **b** are there exactly?



Enter the number in this box:

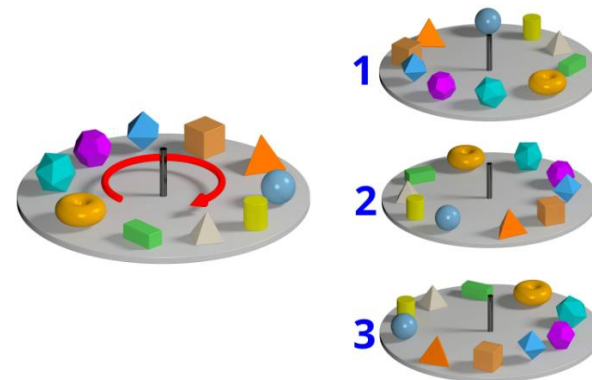
You stand in the orange field and look at the **yellow** ball.  
Now turn a 90-degrees turn to the **right**. Which ball do you have in front of you?  
Click on the ball with the same color at the bottom.



The **red** car wants to drive out of the parking lot, but the way is blocked.  
Click on the car that has to be moved **first**, so that the red car can finally get a clear path.



The platform spins one turn in the direction of the arrow. You see three numbered photos on the right taken at different times. What is the correct order of the photos?



1-2-3

3-2-1

2-3-1

# Object Combination | OC

Ability to recognize object intersections and Boolean operations (e.g., be able to recognize intersection patterns, recognize union, average, and difference of two spatial objects)

## Typical Sample Tasks

Anne is looking for the right key for her toy box.  
Which key fits in the lock? Drag the right key to the keyhole.

Jack's mother is going to change the tyres on her car.  
Which size should she choose? Drag the two correct tyres to the green tick.

Julia wants to build the figure on the right with Lego bricks. Below, you can see in the framed figure which bricks Julia has already put together. Which of the four remaining brick combinations does Julia have to use to complete the figure? Drag the picture of the correct solution onto the picture on the left.

To save space, it is best to store the biscuit cutters one inside the other.  
Place the pictures in the right order so that they all fit together. Start with the largest biscuit cutter.