Question 1: Here are two images, In the second image, I have marked several visual objects with their contours in different colors, and each is identified by a white numeric ID against a background that matches the contour's color. Could you please tell me which of these marked objects is the same as the object marked with a cyan contour in the first image? Please make a choice from the following options. **Question 2:** Please explain why choice the option.



Options: A. Object 2 B. Object 3 ... O. None of the above

Answer 1: O



Options: A. Object 1 B. Object 2 C. Object 3





Answer 1: C

Answer 2: The objects are the same because they both have similar positions and body orientations in the images. The cyan contour in the first image matches the position and orientation of the object marked with ID 3 in the second image.

Answer 1: A

GPT-40 **Answer 2:** The objects are the same because they share similar shapes, sizes, and positions relative to other objects in both

Answer 1: C GPT-40 **Answer 2:** The objects are the same because **both have the** number "2" painted on their side and share similar positioning and appearance.

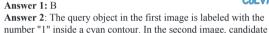
Options: A. Object 1 ... F. Object 6 G. Object 7 Answer 1: D

CoLVA Answer 1: B **Answer 2**: The object is wearing an orange outfit and has a specific

posture. In the second image, candidate object-2 is outlined in purple, matching the color and posture of the query object. Object-2 also has an orange outfit, and its posture is similar to the query



Answer 2: The query object in the first image has propellers, resembling a helicopter. However, none of the candidate objects in the second image have this propeller structure; they all appear to be fixed-wing aircraft. Therefore, none of the candidate objects match the query object.



object "2" is marked with a green contour and also has the number "1" on it



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Answer 1: F





Options: A. Object 1 ... E. Object 5 F. Object 6

Options: A. Object 1 B. Object 2 C. Object 3 D. Object 4

GPT-40 Answer 1: A **Answer 2:** The objects are the same because they are both yellow taxis located in the same position in each image, with the same shape and features.





and they are positioned similarly in both images.

horse with a rider wearing similar clothing and helmet colors,

Options: A. Object 1 Answer 1: E

clothing and positioning in both images.



... E. Object 5 **Answer 2:** The objects are the same because **they have similar**

Answer 2: The objects are the same because they both depict a

young elephant in similar positions and contexts within the group of

Answer 2: In the first image, the query object outlined in cyan is the

smallest elephant. In the second image, object-6 is also marked as the

elephants. The cvan contour in the first image and the blue contour

with ID 4 in the second image both outline this specific elephant.

smallest elephant. Both elephants share similar size and relative

images. The contour in the first image and the contour with ID number 4 in the second image both outline the same plane in the formation.

Answer 1: D

Answer 1: F

CoLVA **Answer 2**: The query object is a fighter jet positioned on the outer edge of a flight formation. The object-6 in the second image is also located on the outer edge of the flight formation. This similar positioning suggests that object-6 is likely the same as the query object, as both occupy equivalent roles in their respective formations.

Answer 2: The objects are the same because they share the same

position and orientation relative to the group of planes in both

Answer 1: D

Answer 2: In the second image, object-4 is most likely a match because both have their fronts directed towards the left and are positioned similarly in the scene. This alignment in direction and location supports the identification of object-4 as the same as the query object.

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Answer 1: E

CoLVA **Answer 2**: In the first image, the query object is a black horse with a rider wearing blue clothing, marked with the number 3, indicating that the rider is contestant number 3. In the second image, Object-5 is the horse ridden by contestant number 3. Additionally, the similar color further suggests that Object-5 and the query object are the same.

Answer 1: A Answer 2: In the first image, the individual within the cyan contour is wearing white clothing and a light-colored hat. In the second image, object-1 is also a person dressed in white clothing and wearing a hat. Therefore, they are the same individual.