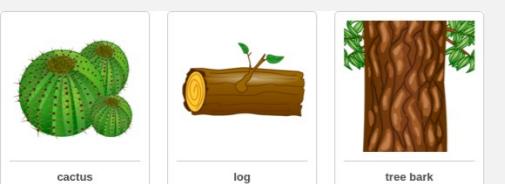


Case 1



Context: Select the best answer.
Which property do these three objects have in common?

- A. smooth
 - B. scratchy
 - C. slippery
- Answer with the option's letter from the given choices directly.



Cucumber Superficial

true Superficial

A Essential

B

Task: ScienceQA (task 1)

Model Stage: Learned 3 tasks (last learned task: ImageNet)

Ground Truth: B

Task: ScienceQA (task 1)

Model Stage: Learned 7 tasks (last learned task: VQAv2)

Ground Truth: B

Case 2

Planet	Volume (km ³)	Primary composition
Mercury	6.08×10^{10}	rock
Venus	9.28×10^{11}	rock
Earth	1.08×10^{12}	rock
Mars	1.63×10^{11}	rock
Jupiter	1.43×10^{15}	gas
Saturn	8.27×10^{14}	gas
Uranus	6.83×10^{13}	ice
Neptune	6.25×10^{13}	ice

Context: Use the data to answer the question below.
Is the following statement about our solar system true or false?

The smallest planet is made mainly of rock.
A. false
B. true

Answer with the option's letter from the given choices directly.



Case 3



What is the capital of Louisiana?

- A. Frankfort
- B. Salem
- C. Baton Rouge
- D. New Orleans

Answer with the option's letter from the given choices directly.



baton rouge Superficial

c

c

Case 4



According to ImageNet's taxonomy,
what is the object in the image?
Answer the question using a single word or phrase.



Tower Superficial

Castle

Castle

Case 5



According to ImageNet's taxonomy,
what is the object in the image?
Answer the question using a single word or phrase.



Trunk Superficial

Bucket Essential

Koala

Case 6



According to ImageNet's taxonomy,
what is the object in the image?
Answer the question using a single word or phrase.



Unanswerable Superficial

[0.03, 0.23, 0.56, 0.9] Superficial

Barometer

Barometer

Task: ImageNet (task 3)

Model Stage: Learned 5 tasks (last learned task: VizWiz)

Ground Truth: Barometer

Task: TextVQA (task 2)

Model Stage: Learned 6 tasks (last learned task: Grounding)

Ground Truth: adidas

Case 7



What brand is the black jacket on the left?

Reference OCR token: adidas, S, M
Answer the question using a single word or phrase.



adidas

adidas

adidas

adidas

Case 8



How many, hey, hey listen. How many ounces is this container?
When the provided information is insufficient, respond with 'Unanswerable'.
Answer the question using a single word or phrase.



[0.23, 0.25, 0.83, 0.94] Superficial

12.5 Essential

unanswerable

Case 9



Please provide the bounding box coordinates of the region described by the sentence 'a white and red umbrella' in the format [x1, y1, x2, y2].



No Superficial

[0.0, 0.35, 0.25, 0.5] Essential

[0.35, 0.25, 0.65, 0.45]

Case 10



Please provide the bounding box coordinates of the region described by the sentence 'a table on the right' in the format [x1, y1, x2, y2].



No Superficial

[0.69, 0.51, 0.88, 0.69] Essential

[0.79, 0.5, 1.0, 0.71]

Task: Grounding (task 6)

Model Stage: Learned 8 tasks (last learned task: OCR-VQA)

Ground Truth: [0.38, 0.25, 0.65, 0.42]

Model Stage: Learned 5 tasks (last learned task: VizWiz)

Ground Truth: Barometer

Task: Grounding (task 6)

Model Stage: Learned 8 tasks (last learned task: OCR-VQA)

Ground Truth: [0.78, 0.51, 1.0, 0.73]