



Practice Items

Grade 8

Science

Examiner's Copy and Student Materials

Virginia Department of Education

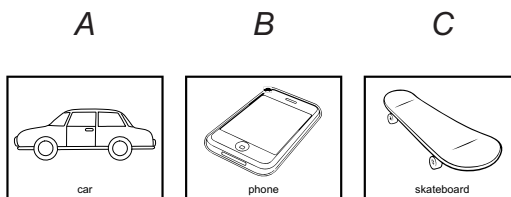
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Item 1

Option:

Here are three objects. (Point to student materials.) Which weighs the most? car, phone, or skateboard

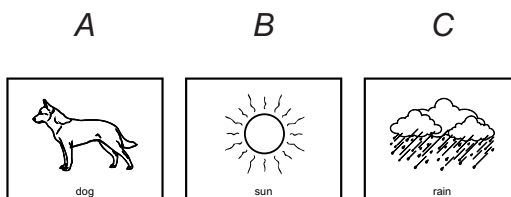


Student Response

Item 2

Option:

Here are three pictures with words. (Point to student materials.) Which is a type of wet weather? dog, sun, or rain

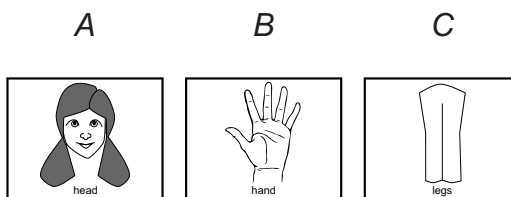


Student Response

Item 3

Option:

Here is Laura. (Point to student materials.) Which body part has fingers? head, hand, or legs

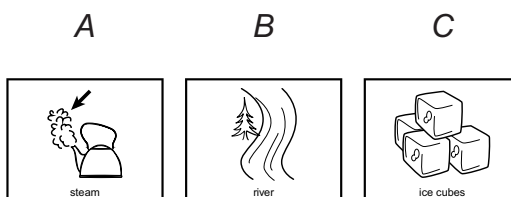


Student Response

Item 4

Option:

Here are three pictures with words. (Point to student materials.) Which is a solid form of water? steam, river, or ice cubes

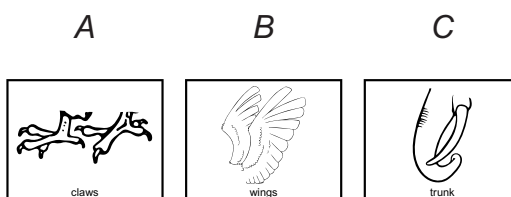


Student Response

Item 5

Option:

This is an eagle. (Point to student materials.) What trait does an eagle use to grab its prey? claws, wings, or trunk

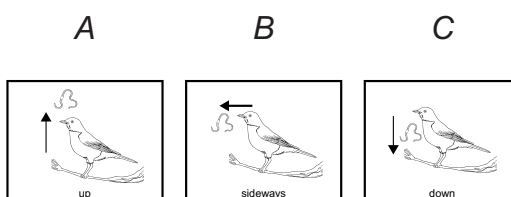


Student Response

Item 6

Option:

Here is a bird. (Point to student materials.) If a bird drops a worm, which direction will gravity force the worm to move? up, sideways, or down



Student Response

Item 7

Option:

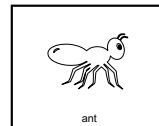
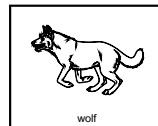
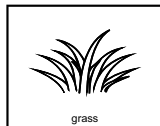
This is a cougar. (Point to student materials.) Which could compete with the cougar for food? grass, wolf, or ant

A

B

C

Student Response



Item 8

Option:

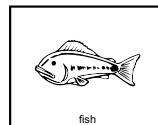
Here are three pictures with words. (Point to student materials.) Which of these belongs in a stream? bottle, fish, or garden hose

A

B

C

Student Response



Item 9

Option:

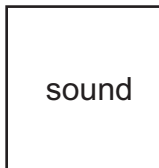
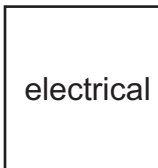
Here are Dez and Jenni listening to music. (Point to student materials.) Which type of energy do the friends hear? light, electrical, or sound

A

B

C

Student Response



Item 10

Option:

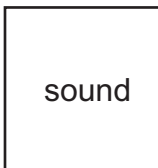
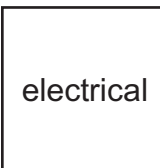
Here is a phone. (Point to student materials.) Which type of energy charges a phone so people can use it? electrical, sound, or heat

A

B

C

Student Response



Item 11

Option:

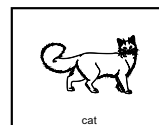
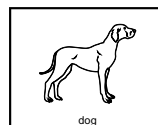
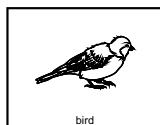
Here is a lion and three other animals. (Point to student materials.) Which animal is most similar to a lion? bird, dog, or cat

A

B

C

Student Response



Item 12

Option:

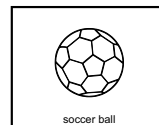
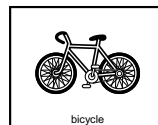
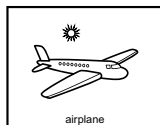
Here are three objects. (Point to student materials.) Objects with more mass need more force to move them. Which would take the most amount of force to move? airplane, bicycle, or soccer ball

A

B

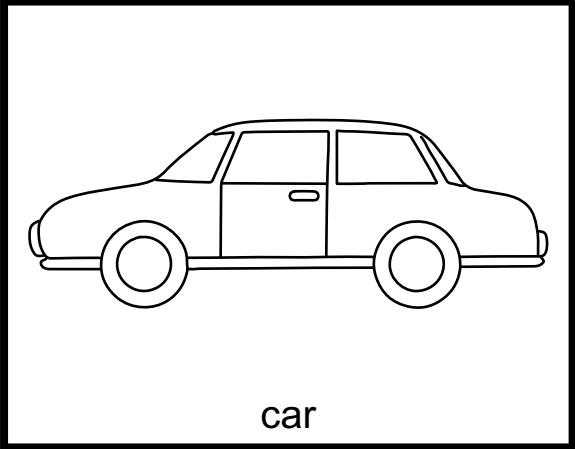
C

Student Response

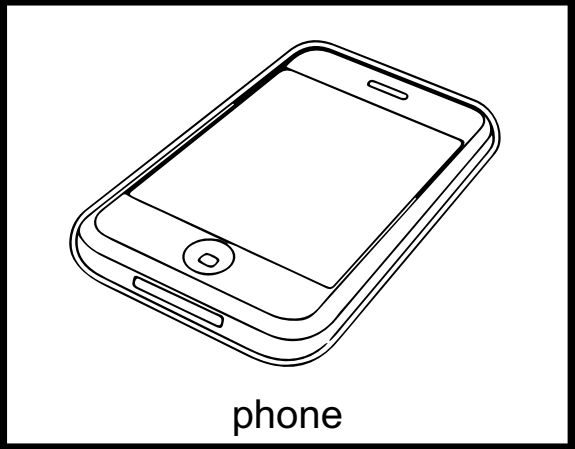


Item 1

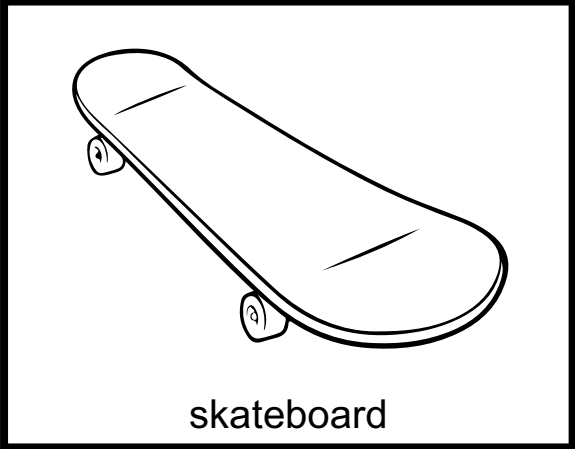
Which weighs the most?



A



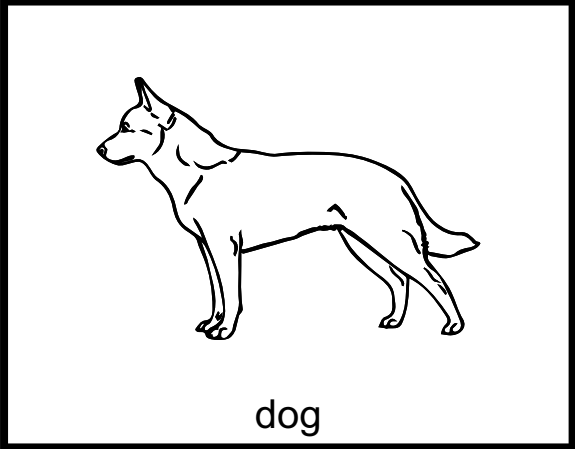
B



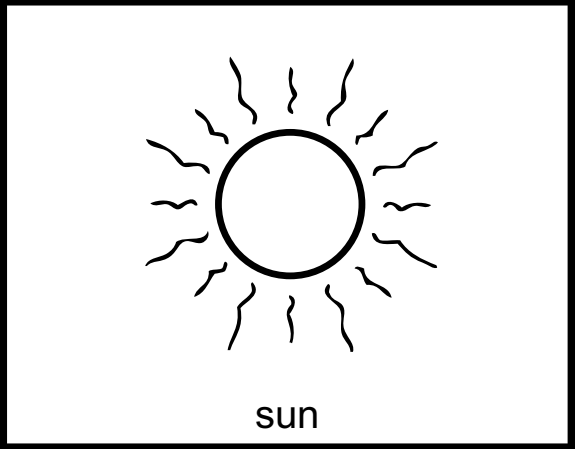
C

Item 2

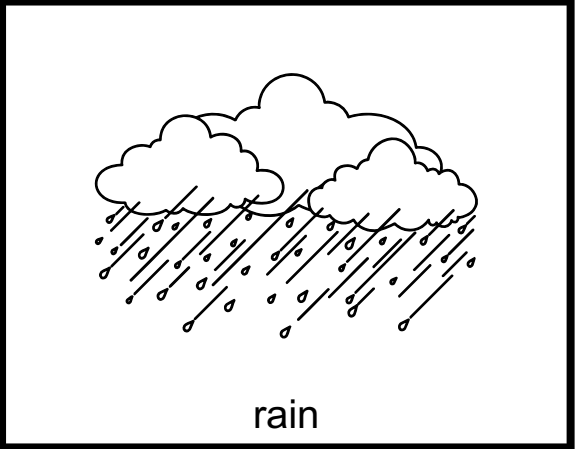
Which is a type of wet weather?



A

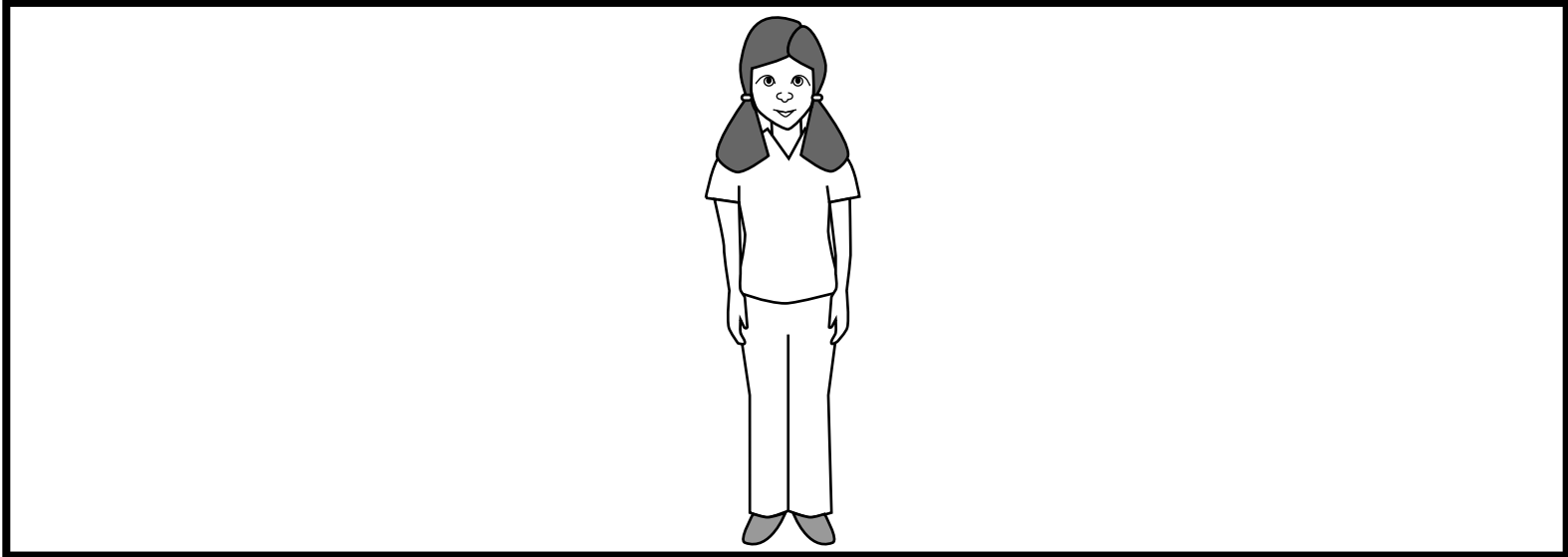


B

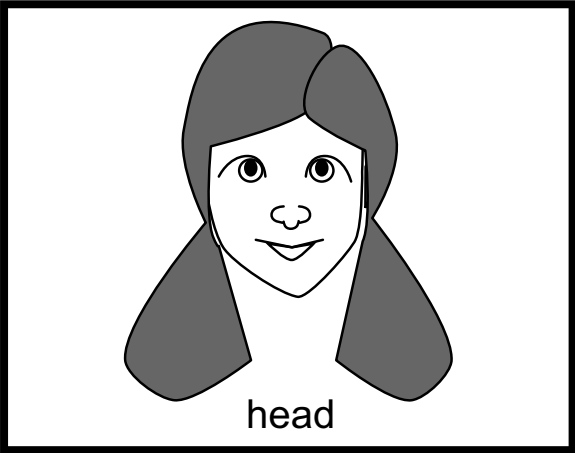


C

Item 3

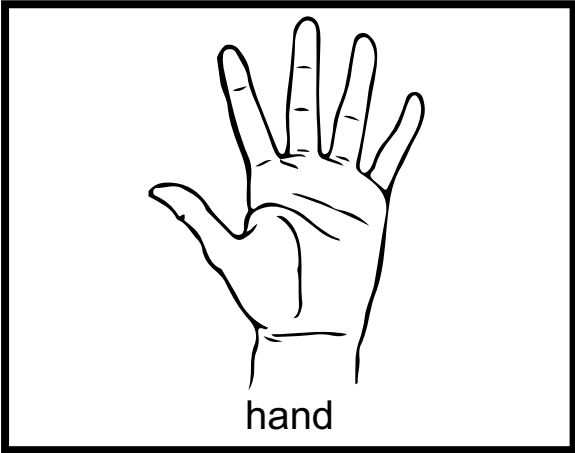


Which body part has fingers?



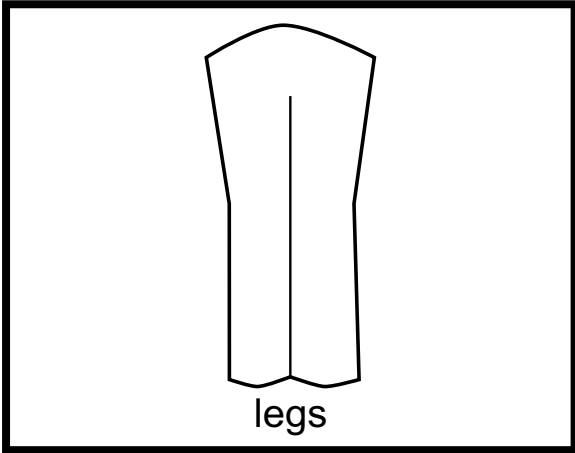
head

A



hand

B

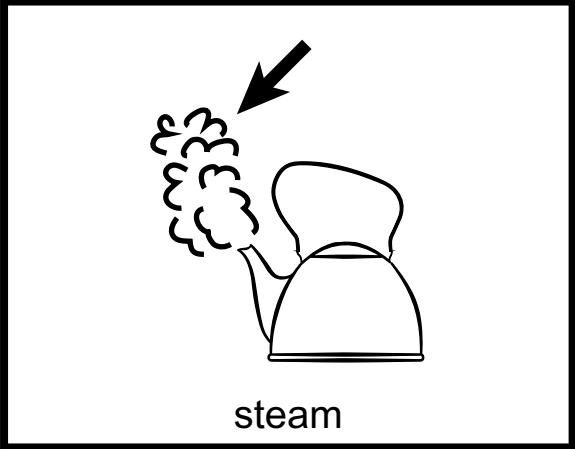


legs

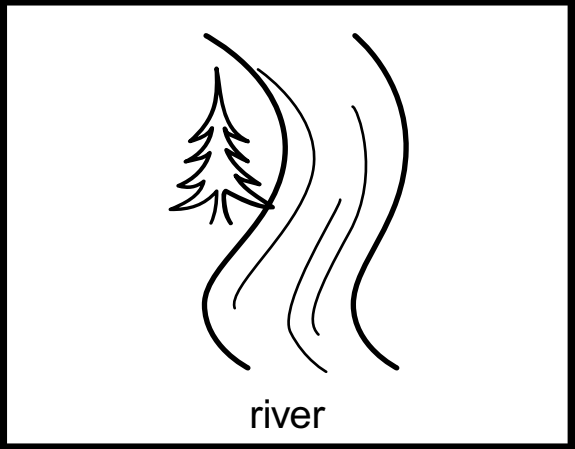
C

Item 4

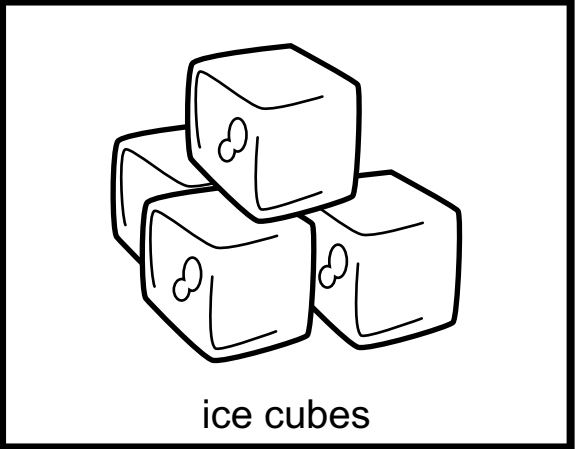
Which is a solid form of water?



A

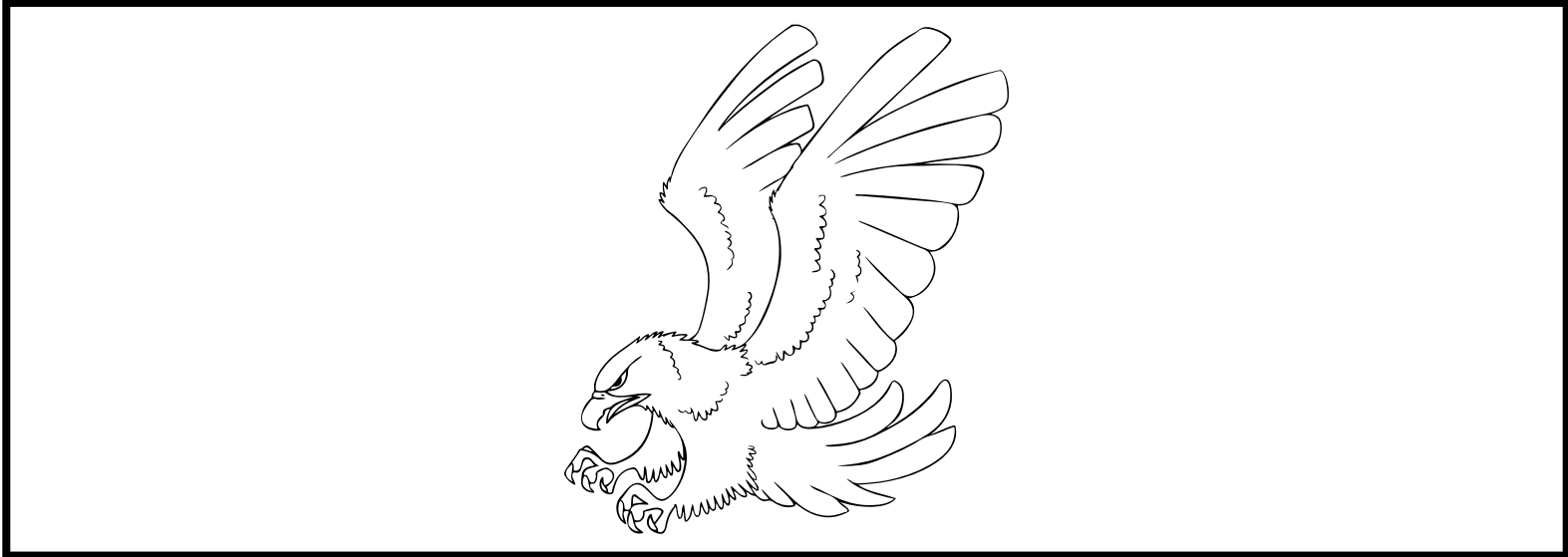


B

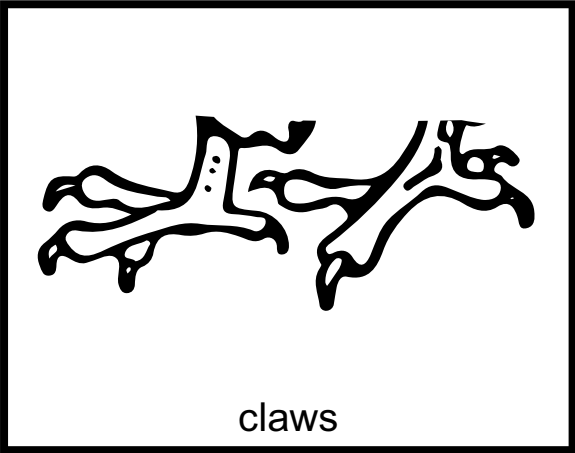


C

Item 5

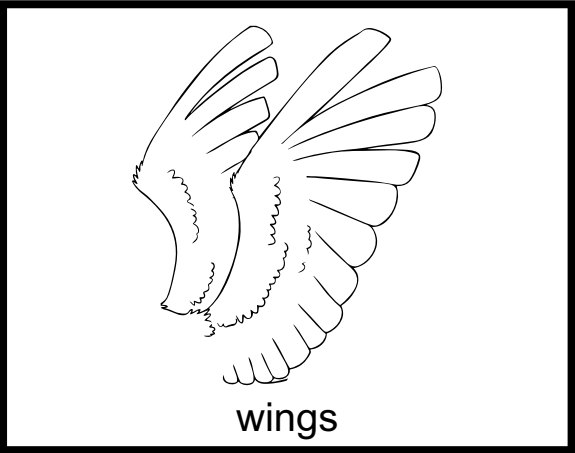


What trait does an eagle use to grab its prey?



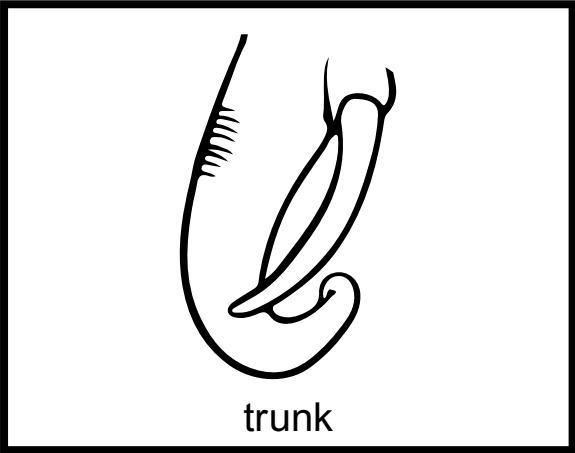
claws

A



wings

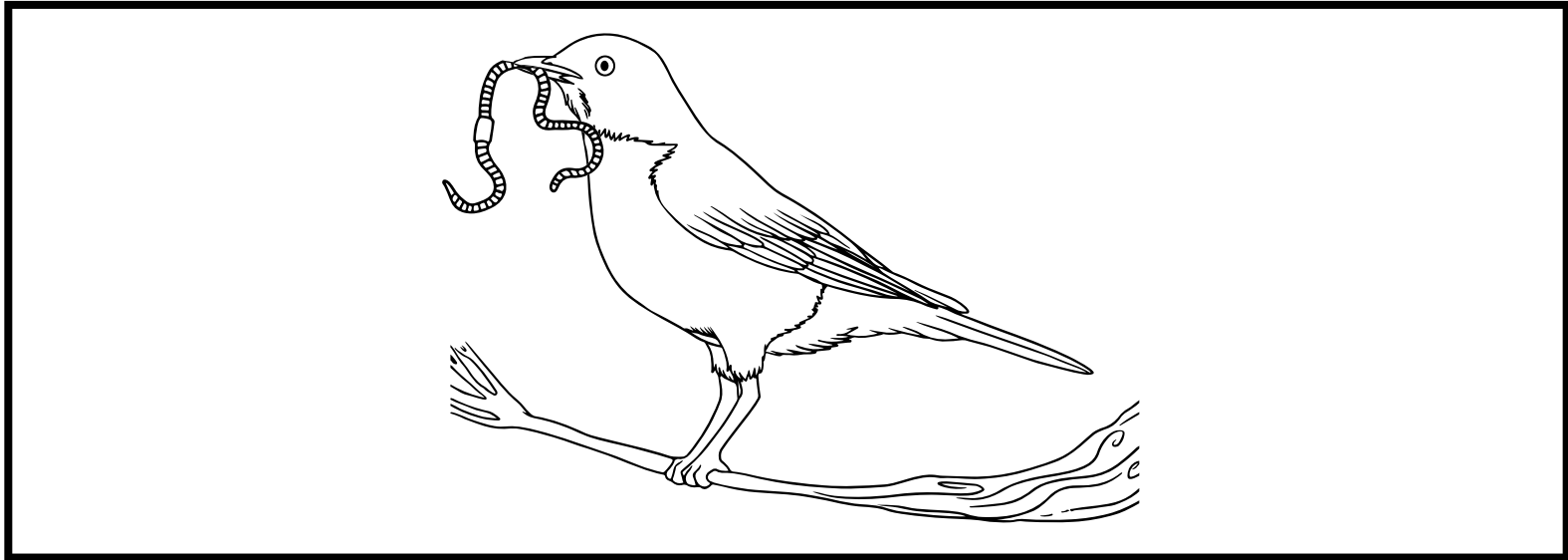
B



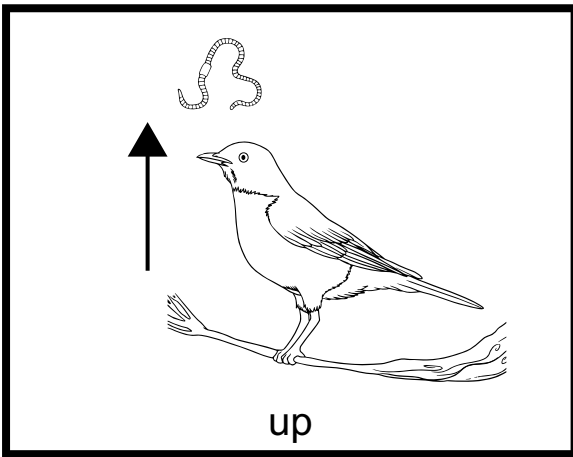
trunk

C

Item 6

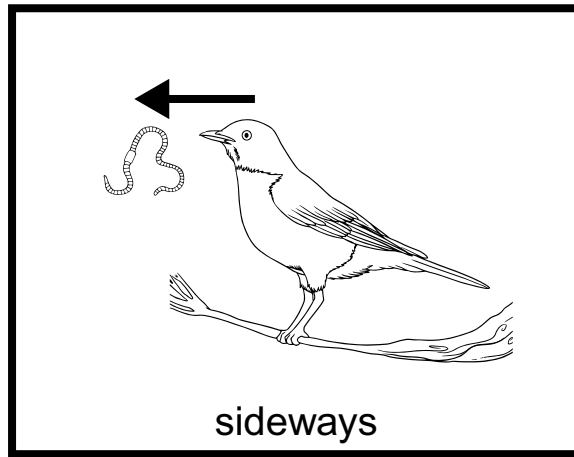


If a bird drops a worm, which direction will gravity force the worm to move?



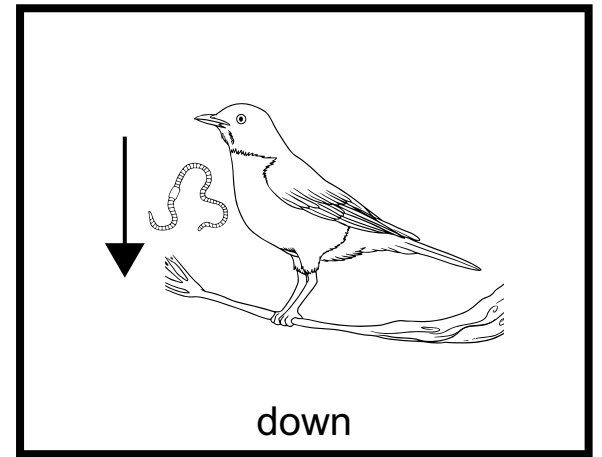
up

A



sideways

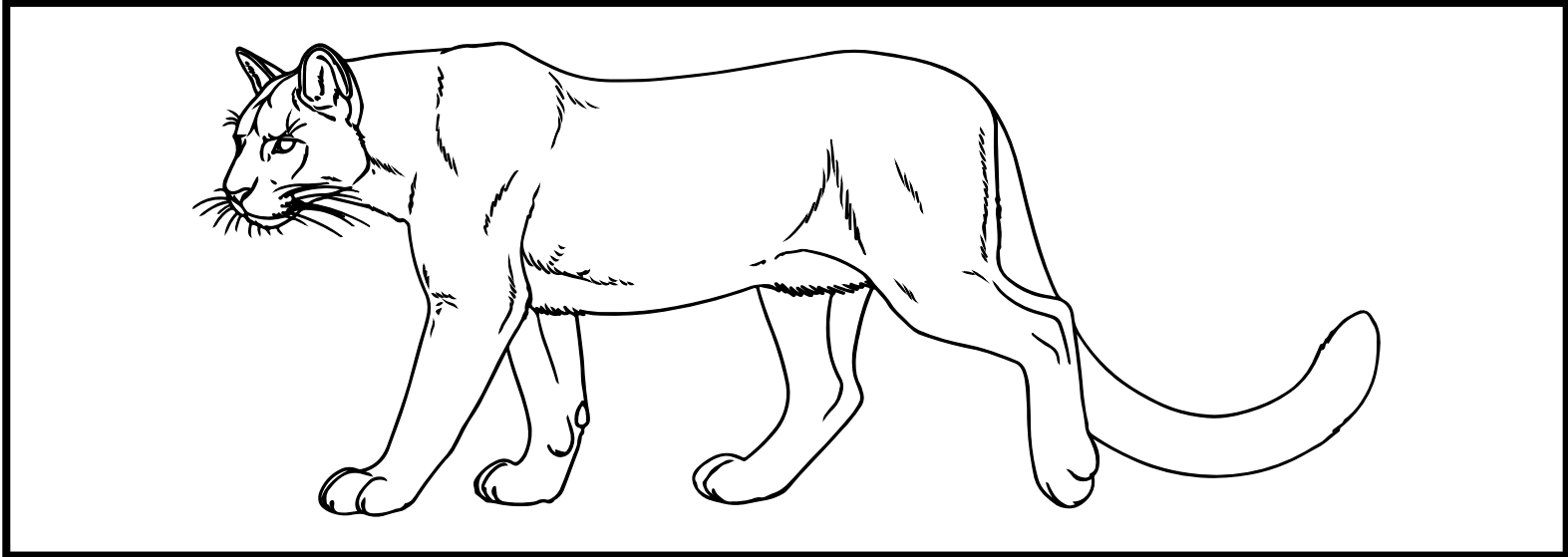
B



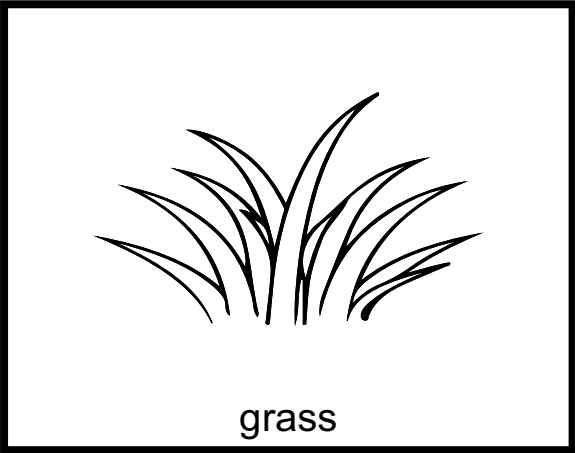
down

C

Item 7

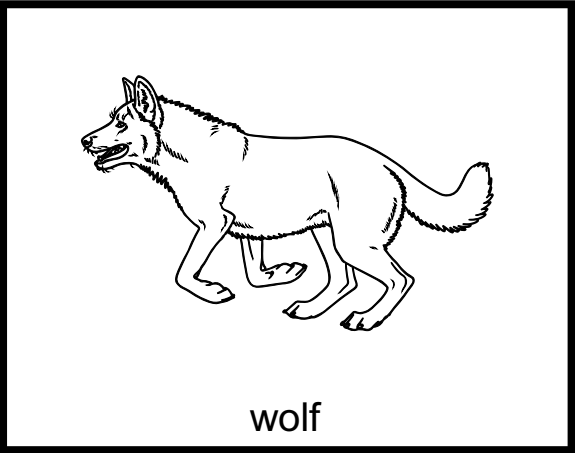


Which could compete with the cougar for food?



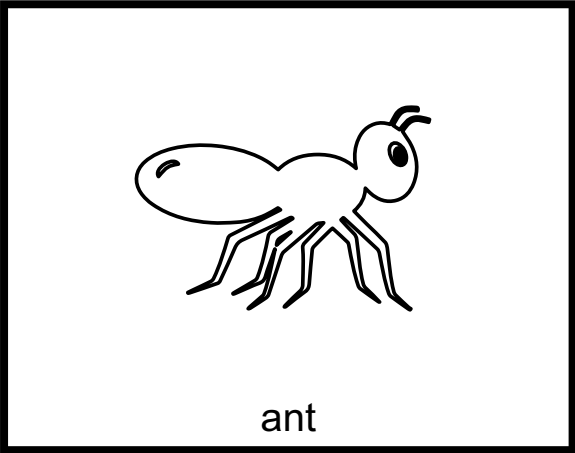
grass

A



wolf

B

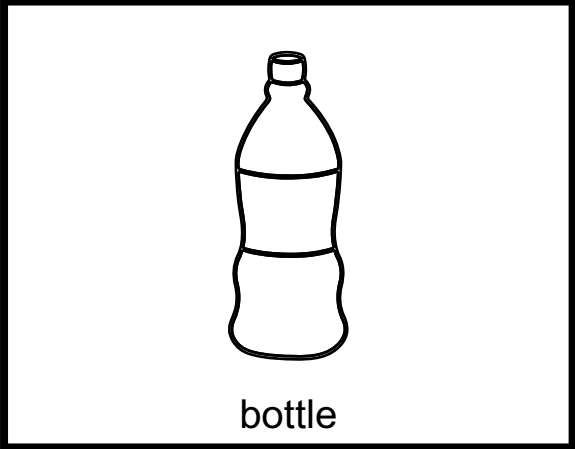


ant

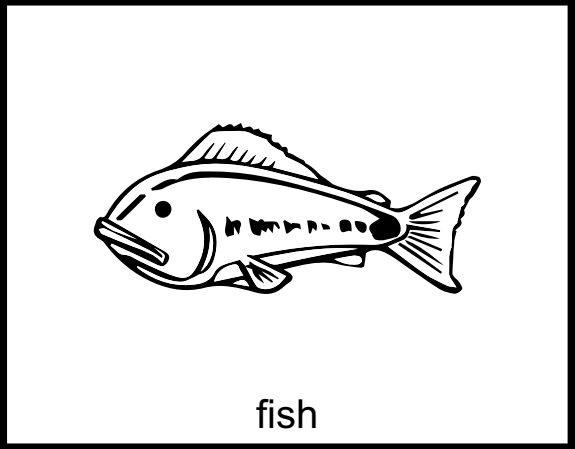
C

Item 8

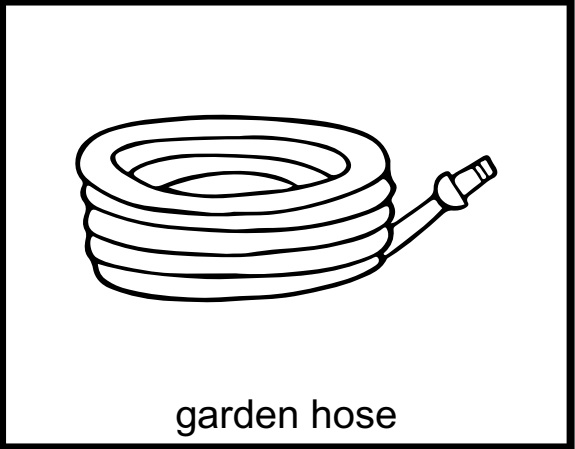
Which of these belongs in a stream?



A

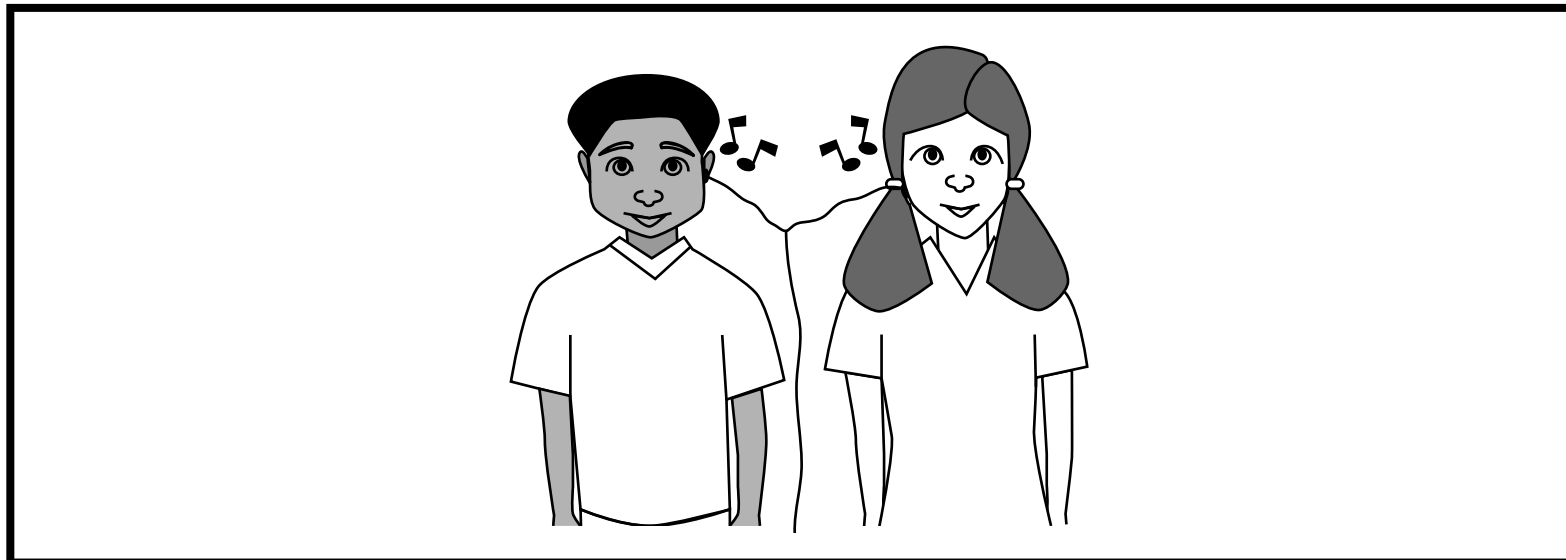


B



C

Item 9



Which type of energy do the friends hear?

light

A

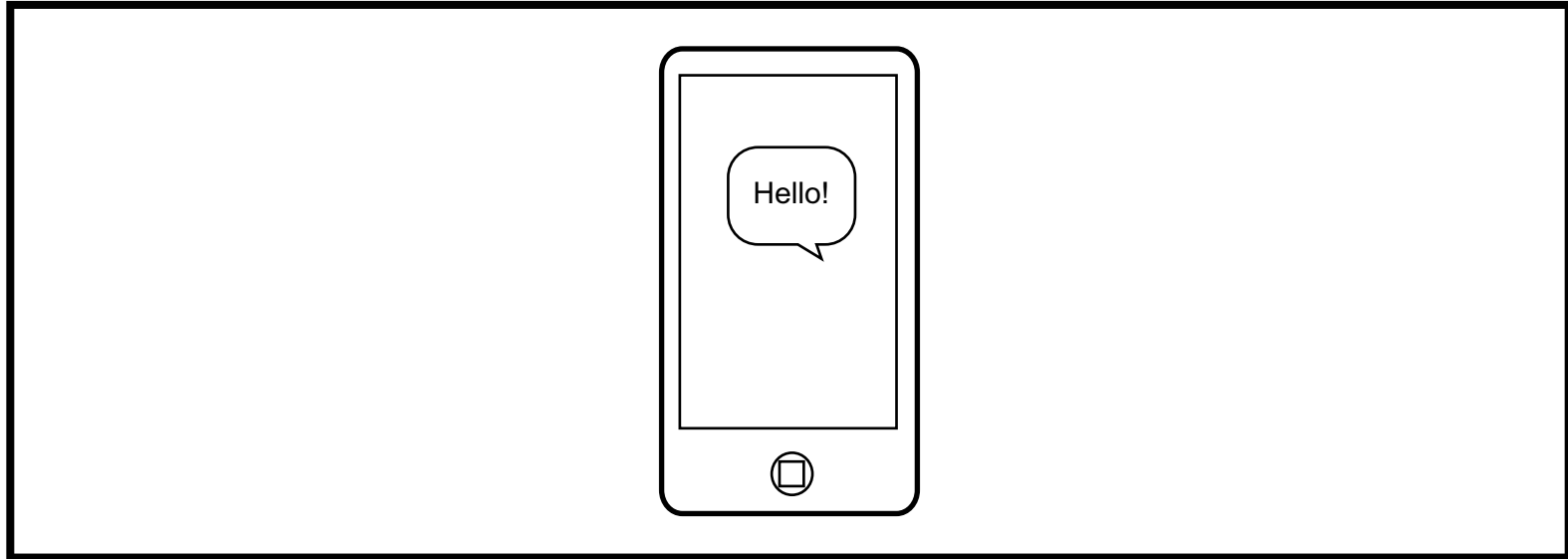
electrical

B

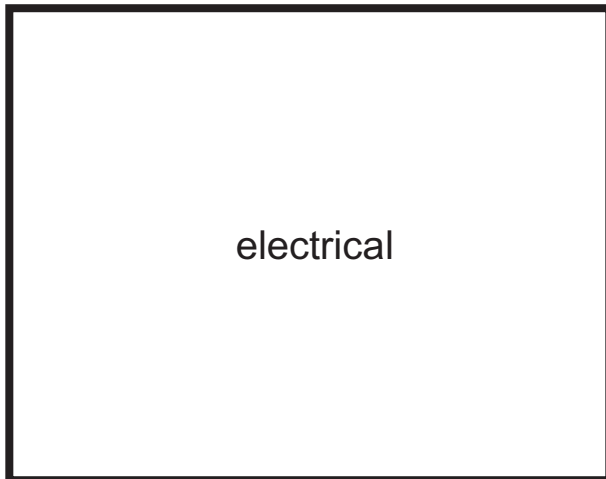
sound

C

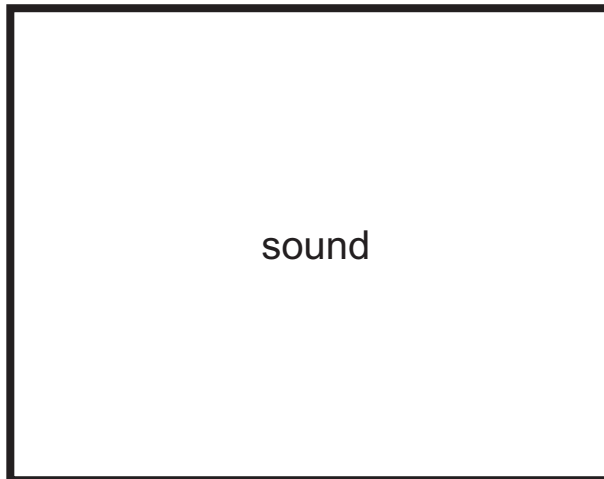
Item 10



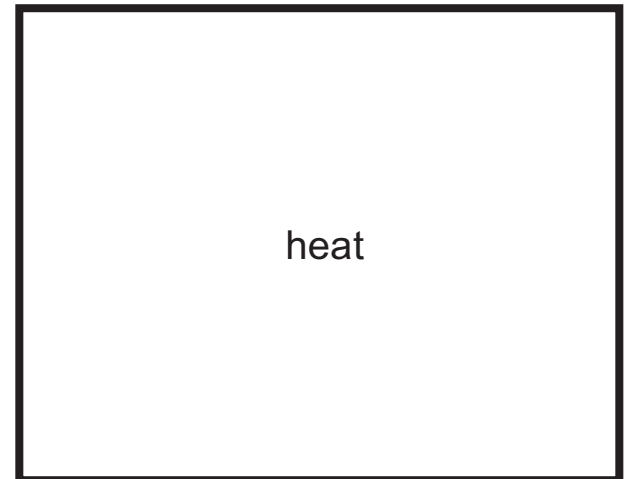
Which type of energy charges a phone so people can use it?



A

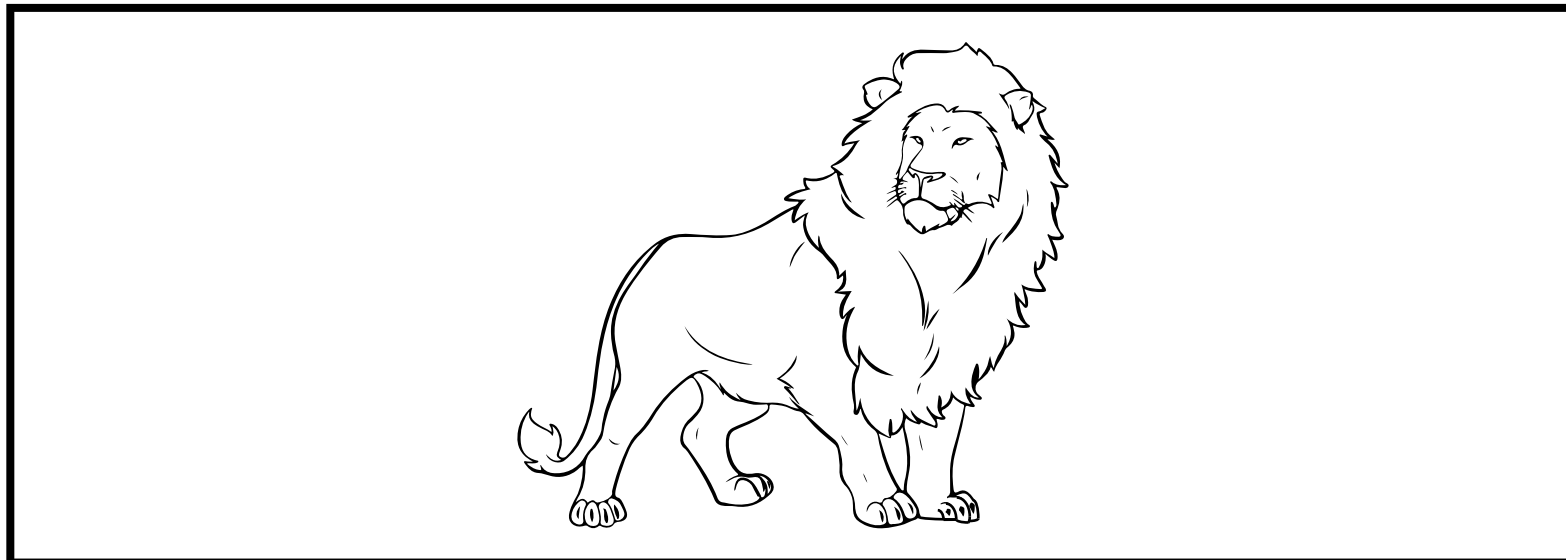


B

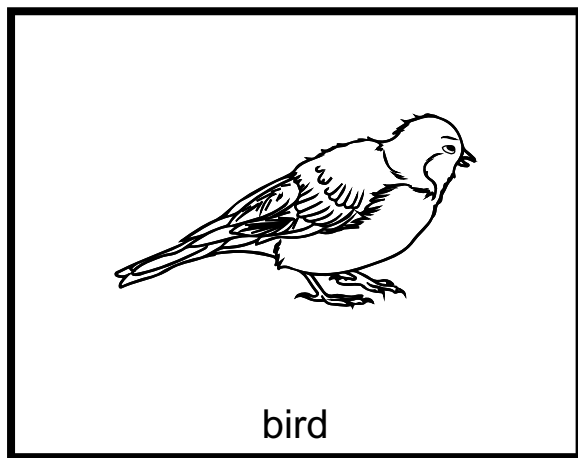


C

Item 11

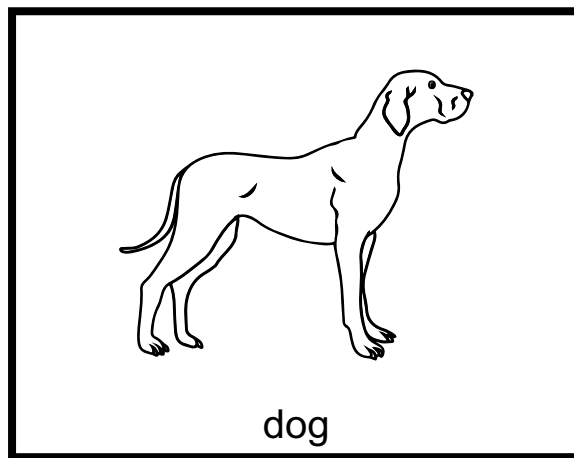


Which animal is most similar to a lion?



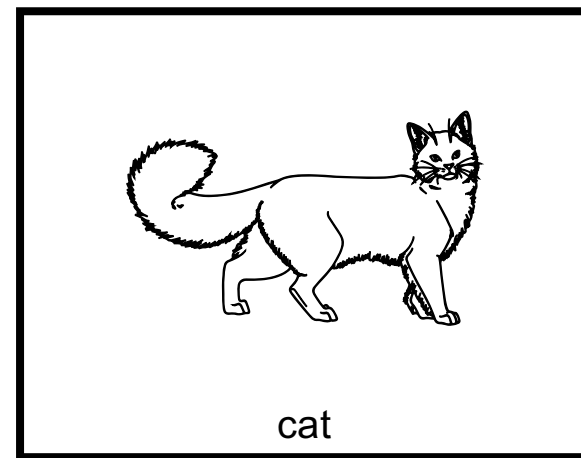
bird

A



dog

B

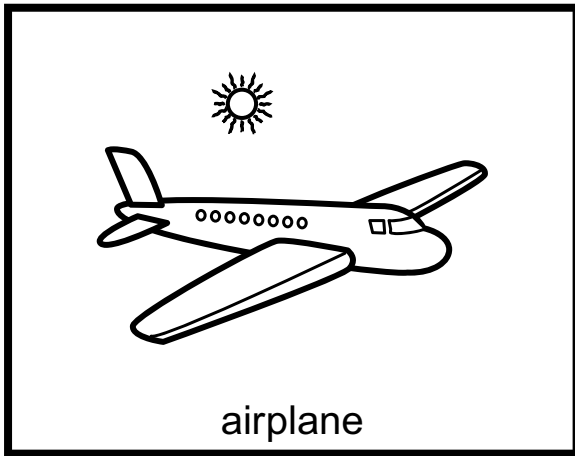


cat

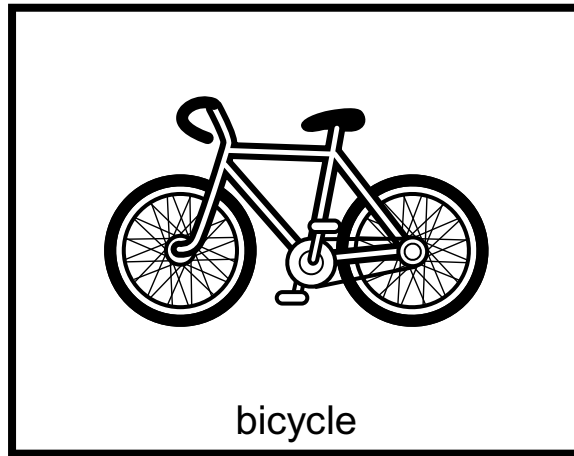
C

Item 12

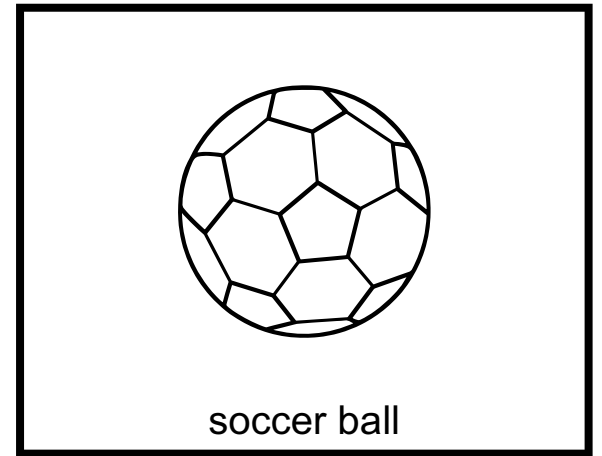
Objects with more mass need more force to move them. Which would take the most amount of force to move?



A



B



C

