



Practice Items

High School

Science

Examiner's Copy and Student Materials

Virginia Department of Education

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Item 1

Option:

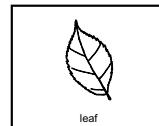
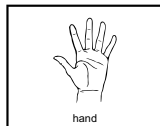
Here is a tree. (Point to student materials.)
Which is part of many trees? hand, wings, or leaf

A

B

C

Student Response



Item 2

Option:

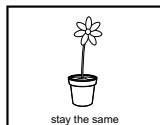
Here is a flower. (Point to student materials.)
During photosynthesis, plants use light, air, and water to make food and grow. What will happen if the plant does not get any sunlight and water? stay the same, grow more flowers, or wilt and die

A

B

C

Student Response



Item 3

Option:

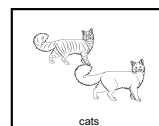
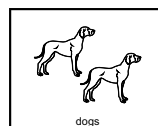
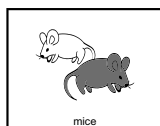
This is a kitten. (Point to student materials.)
Which are the parents of this kitten? mice, dogs, or cats

A

B

C

Student Response



Item 4

Option:

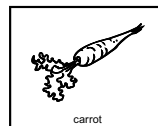
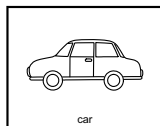
This is a rabbit. (Point to student materials.)
Where does the rabbit get energy to grow? car, carrot, or book

A

B

C

Student Response



Item 5

Option:

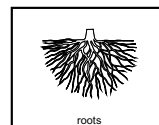
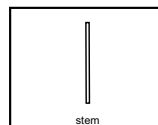
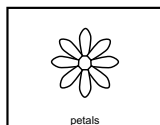
Here is a flower with its parts labeled. (Point to student materials.) Which part of the flower attracts bees? petals, stem, or roots

A

B

C

Student Response



Item 6

Option:

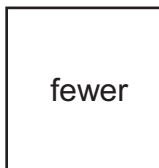
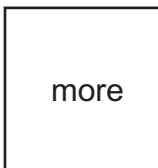
Here is a food chain showing that snakes eat grasshoppers that live in grassy fields. (Point to student materials.) What would happen to the number of grasshoppers if there is no grass? the same number of grasshoppers, more grasshoppers, or fewer grasshoppers

A

B

C



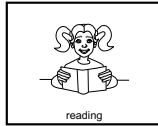
Student Response



Item 7

Option:

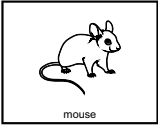
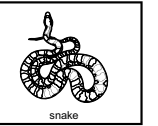
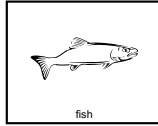
Here is a girl. (Point to student materials.)
How does the girl get the oxygen she needs to survive? sleeping, breathing, or reading

A	B	C	Student Response
 sleeping	 breathing	 reading	

Item 8

Option:

Here is a squirrel. (Point to student materials.)
Which animal competes with the squirrel for nuts and other food? mouse, snake, or fish

A	B	C	Student Response
 mouse	 snake	 fish	

Item 9

Option:

Kayla is sick with a cough. (Point to student materials.)
What should Kayla do to feel better and protect others? stay home and rest, go to school, or play outside

A	B	C	Student Response
stay home and rest	go to school	play outside	

Item 10

Option:

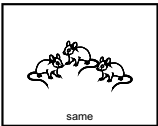

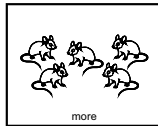
Here is a rabbit. (Point to student materials.)
Which trait helps the rabbit hear predators when they come near? feet, tail, or ears

A	B	C	Student Response
feet	tail	ears	

Item 11

Option:

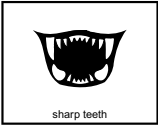
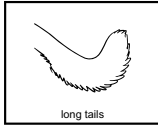

Here is an owl hunting mice. (Point to student materials.)
Owls hunt and eat mice to survive. What would happen to the number of mice if there were no owls hunting them? the same number of mice, fewer mice, or more mice

A	B	C	Student Response
 same	 fewer	 more	

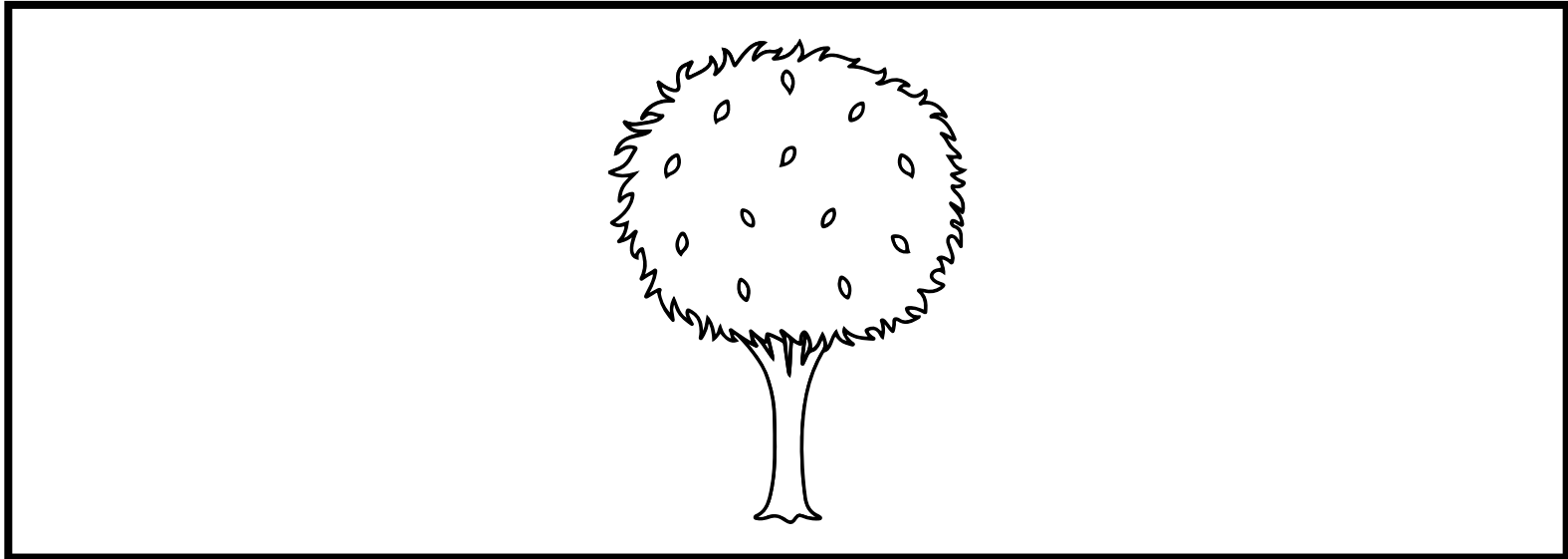
Item 12

Option:

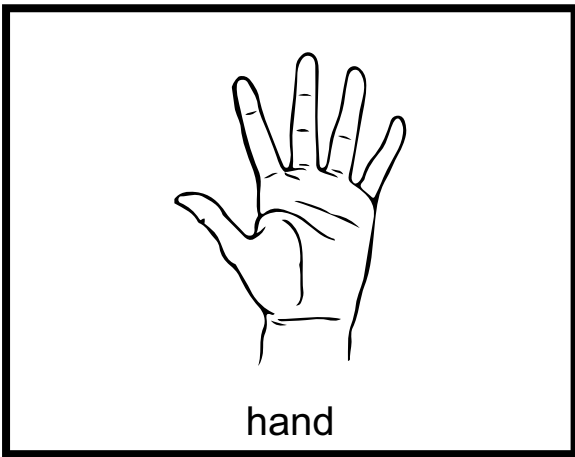
Here is a cheetah, tiger, and wolf. (Point to student materials.)
Which trait do these predators share that helps them kill and eat their prey? sharp teeth, long tails, or warm fur

A	B	C	Student Response
 sharp teeth	 long tails	 warm fur	

Item 1

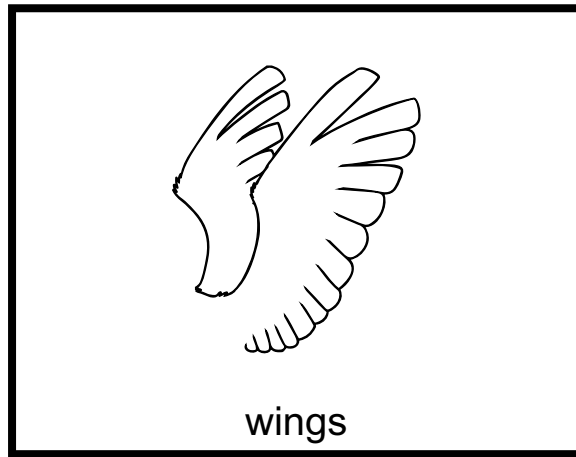


Which is part of many trees?



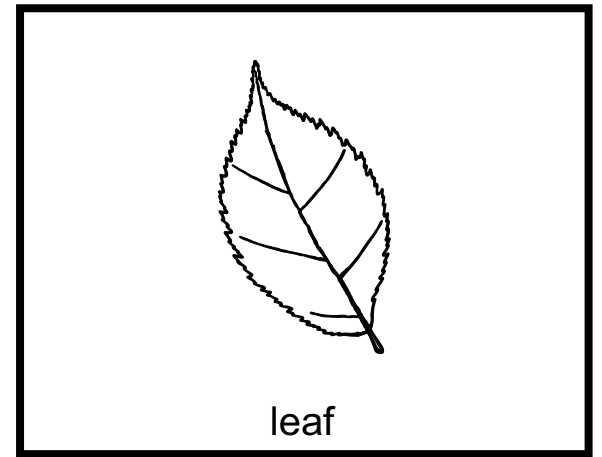
hand

A



wings

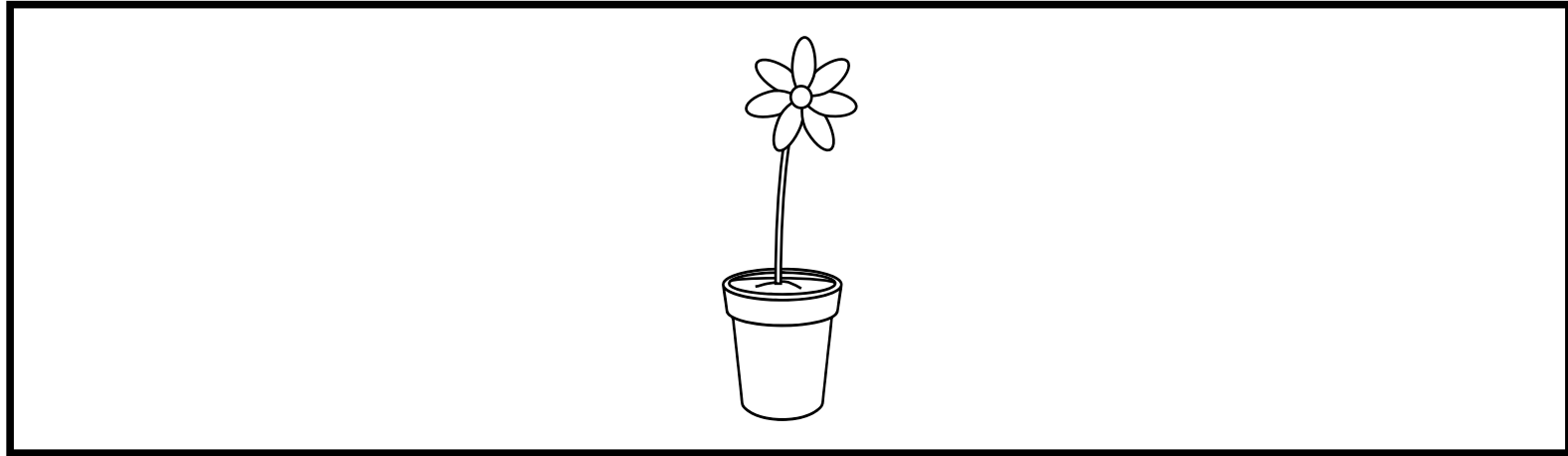
B



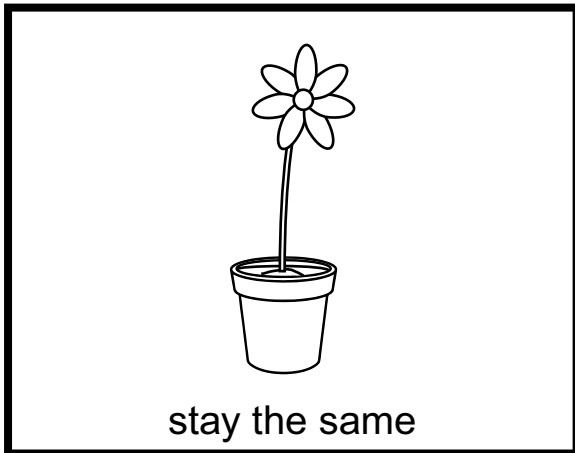
leaf

C

Item 2



During photosynthesis, plants use light, air, and water to make food and grow. What will happen if the plant does not get any sunlight and water?



A

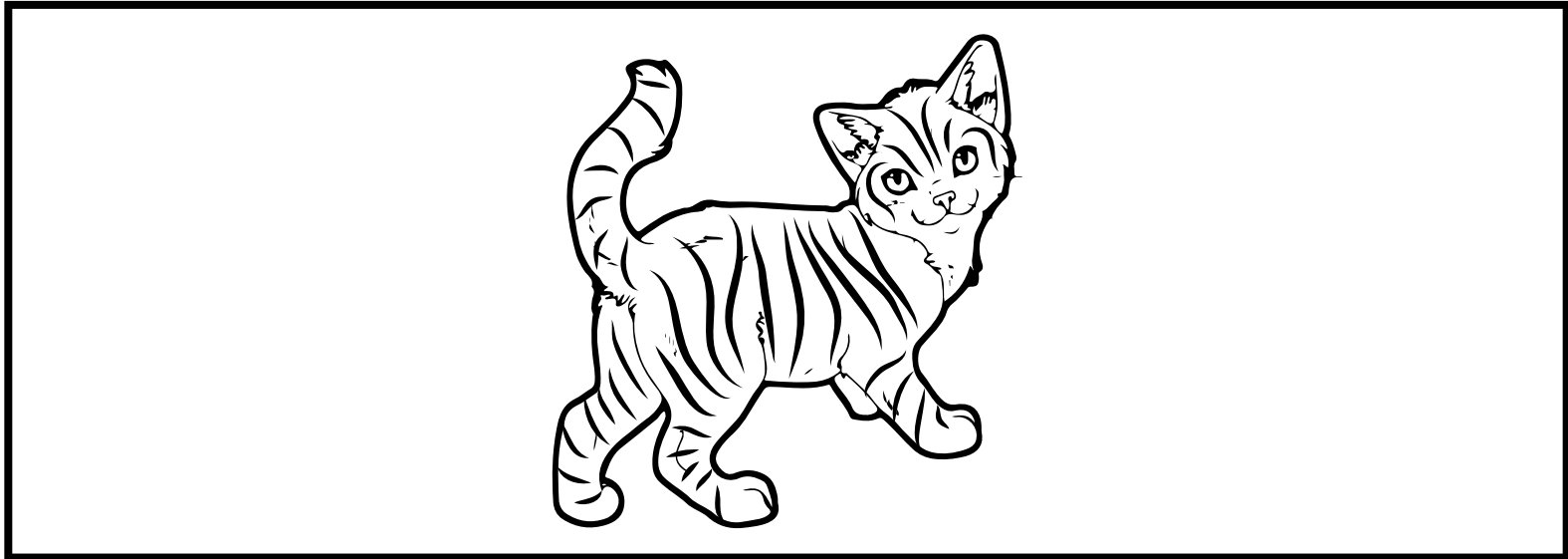


B

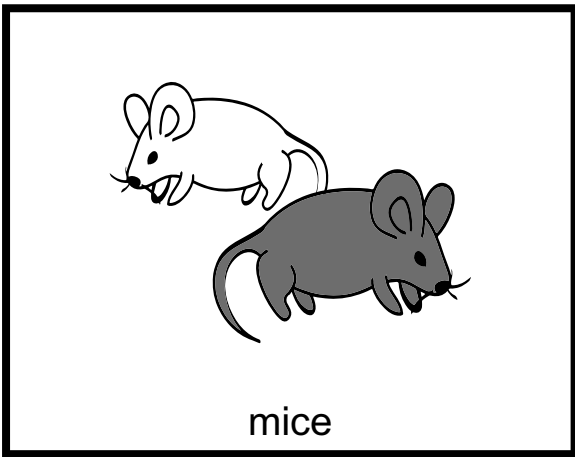


C

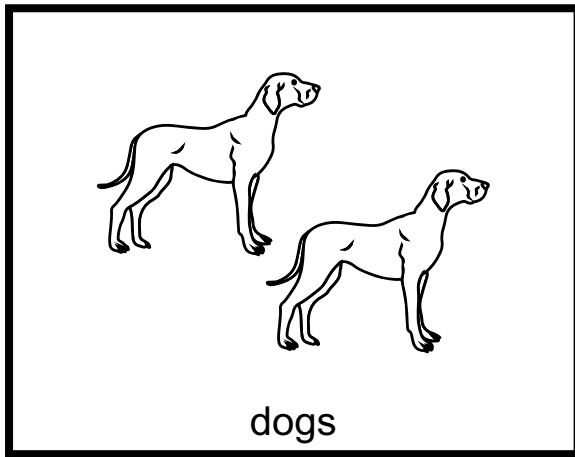
Item 3



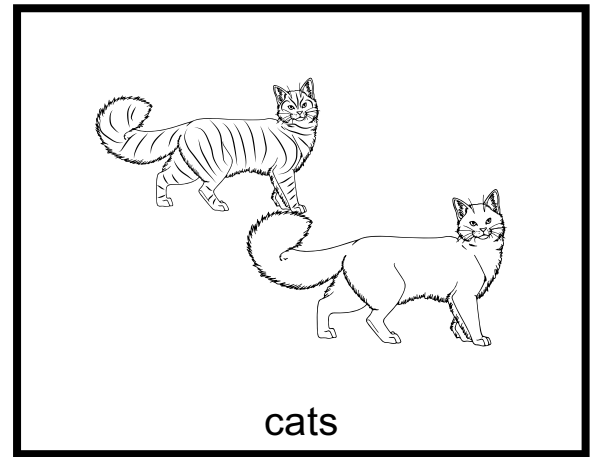
Which are the parents of this kitten?



A

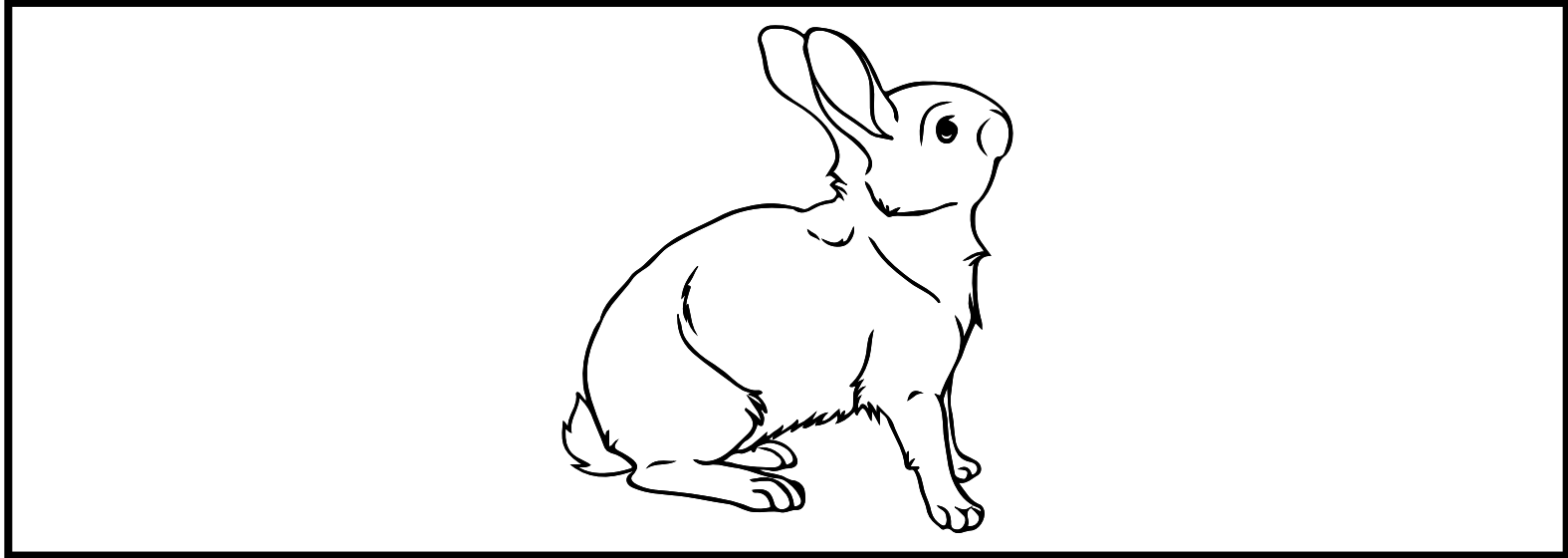


B

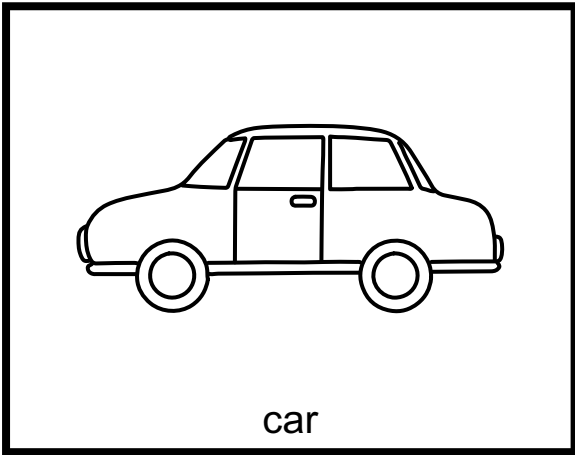


C

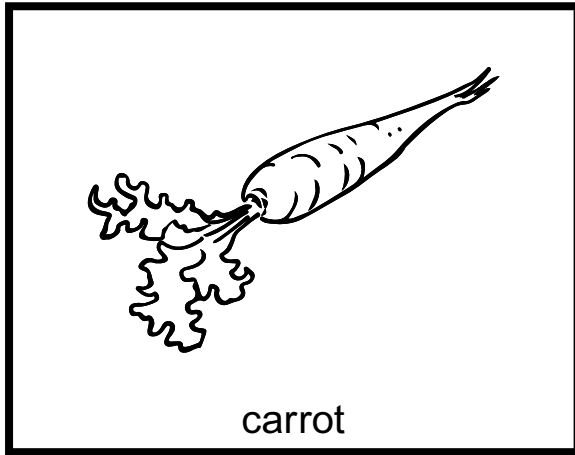
Item 4



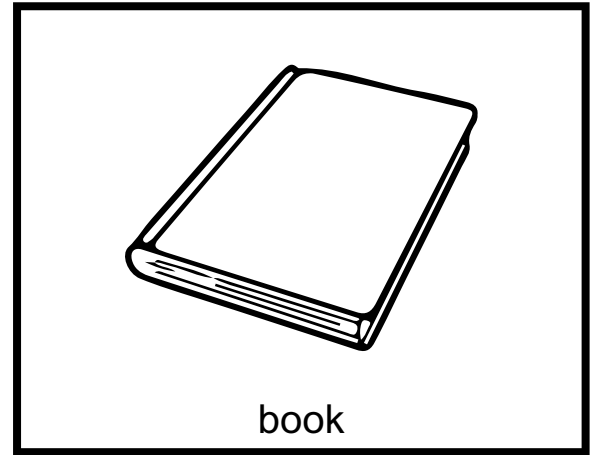
Where does the rabbit get energy to grow?



A

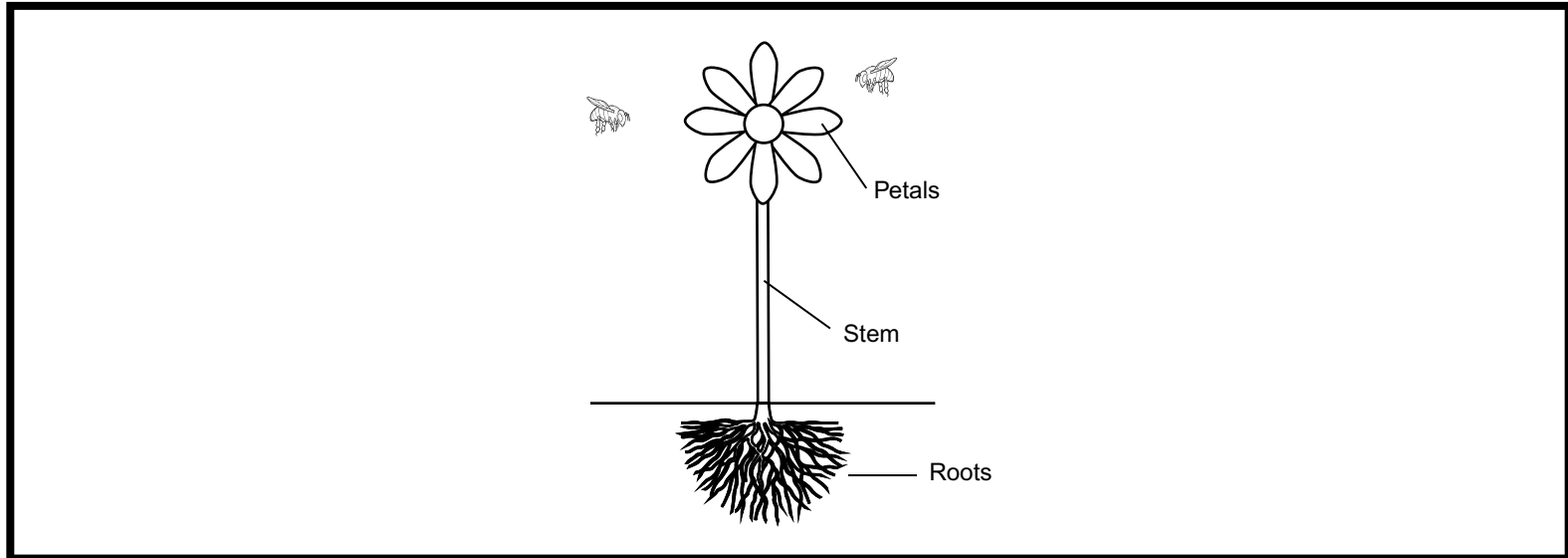


B

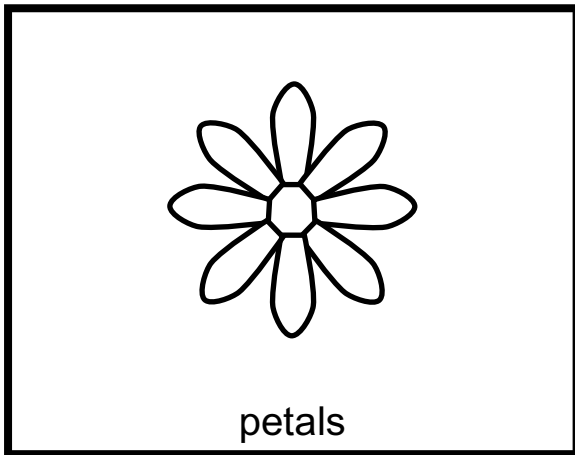


C

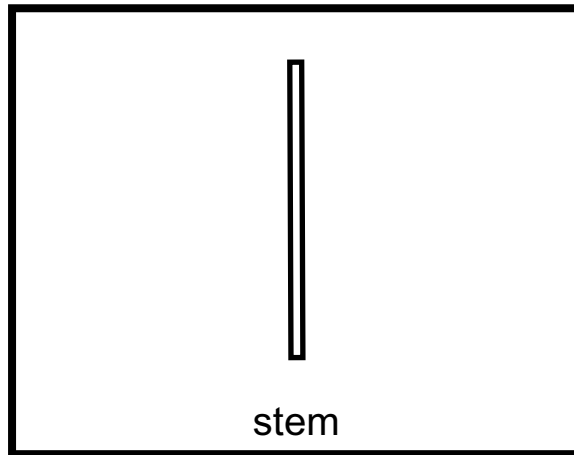
Item 5



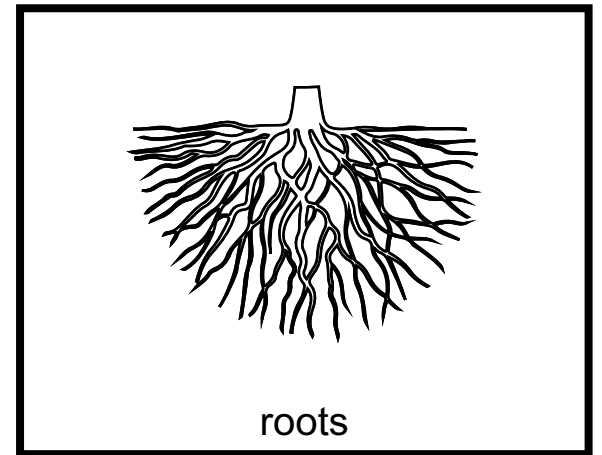
Which part of the flower attracts bees?



A

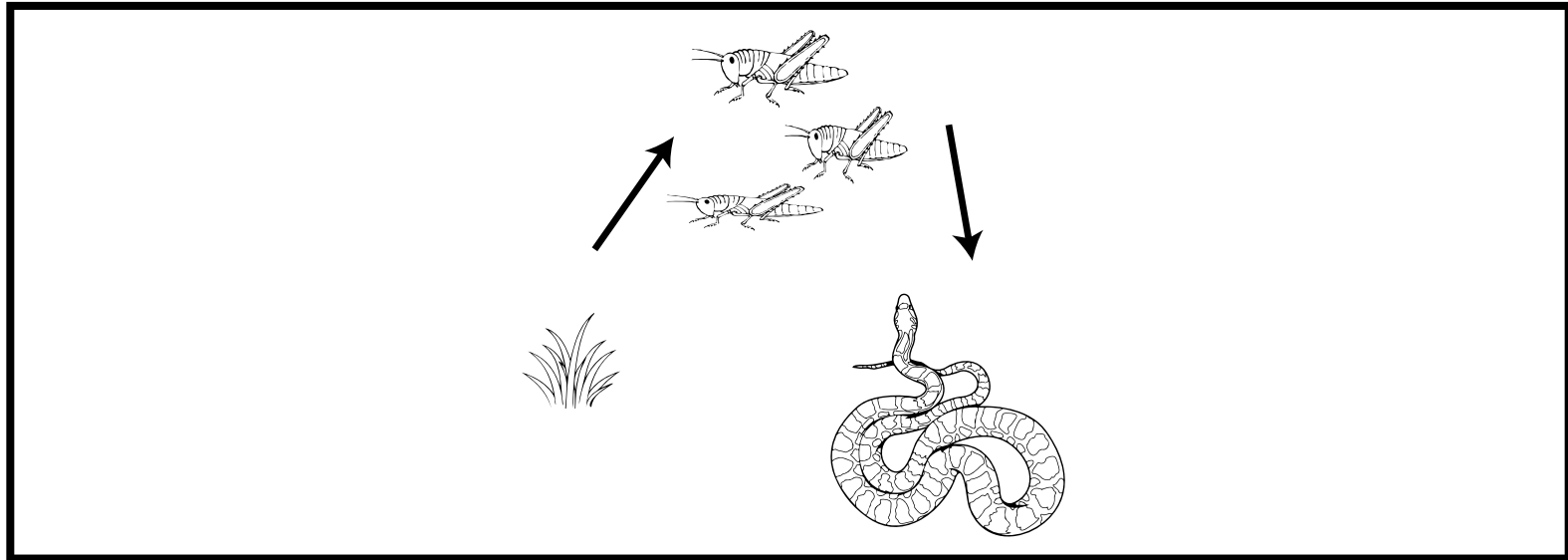


B



C

Item 6



What would happen to the number of grasshoppers if there is no grass?

same

A

more

B

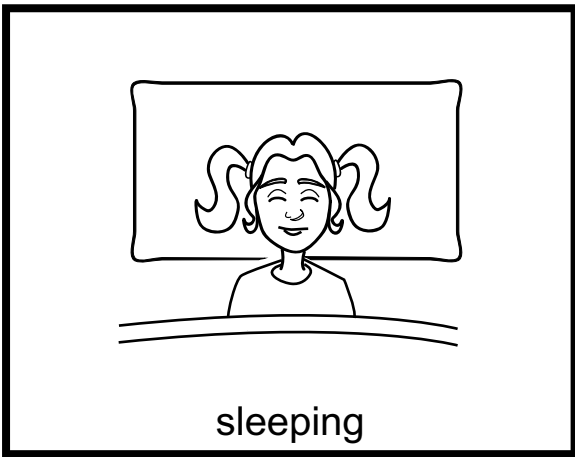
fewer

C

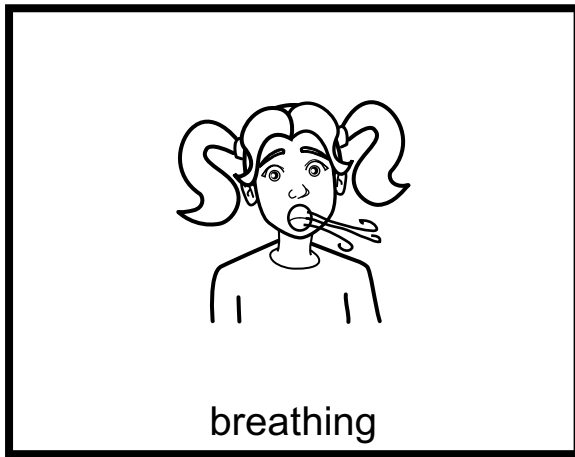
Item 7



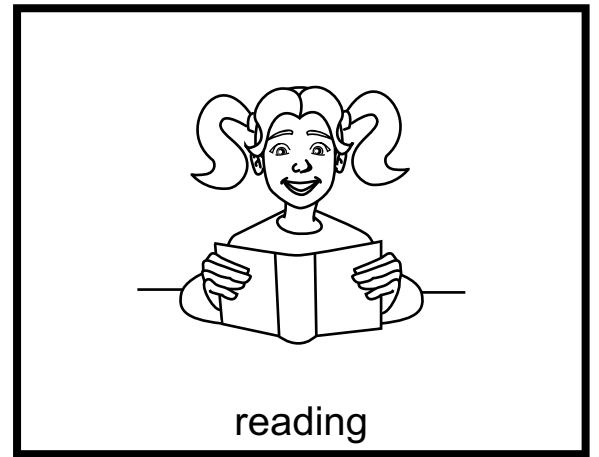
How does the girl get the oxygen she needs to survive?



A



B

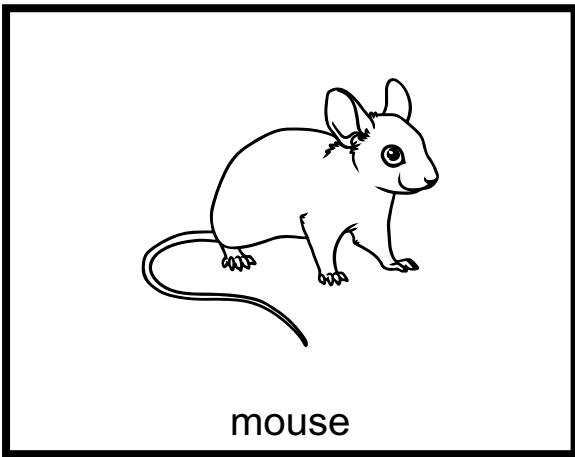


C

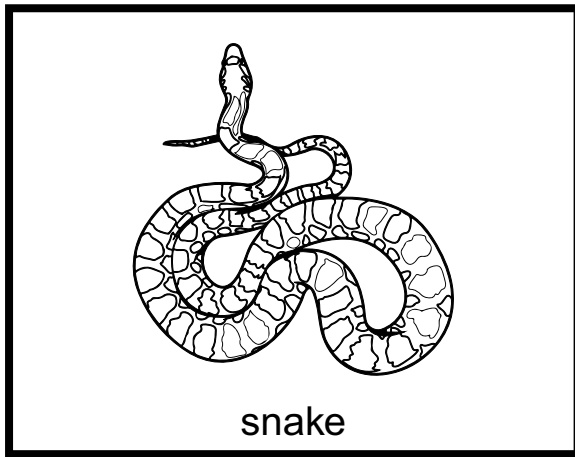
Item 8



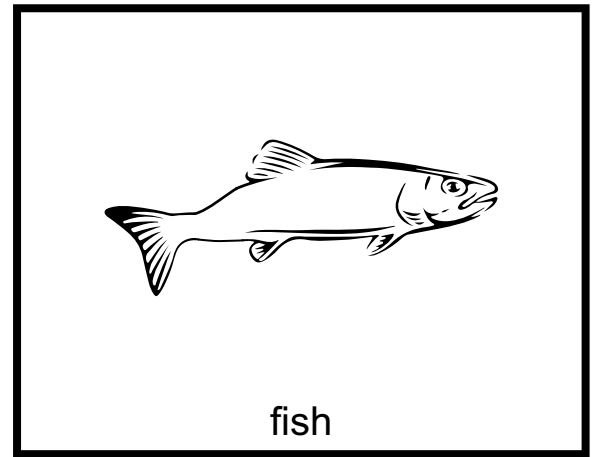
Which animal competes with the squirrel for nuts and other food?



A



B



C

Item 9



What should Kayla do to feel better and protect others?

stay home and rest

A

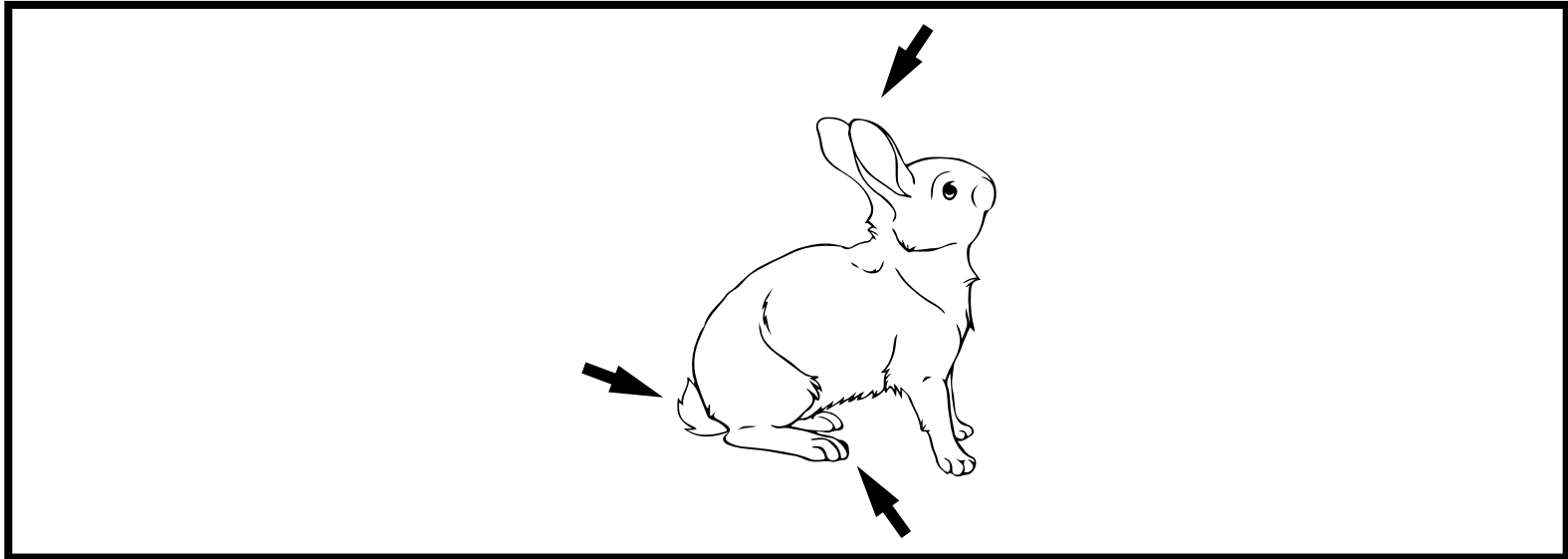
go to school

B

play outside

C

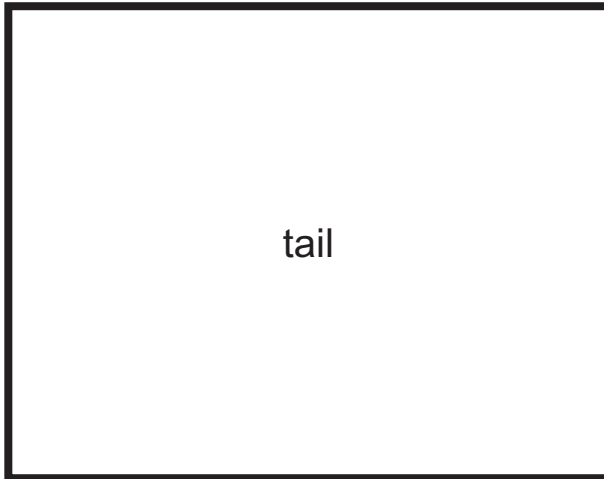
Item 10



Which trait helps the rabbit hear predators when they come near?



A

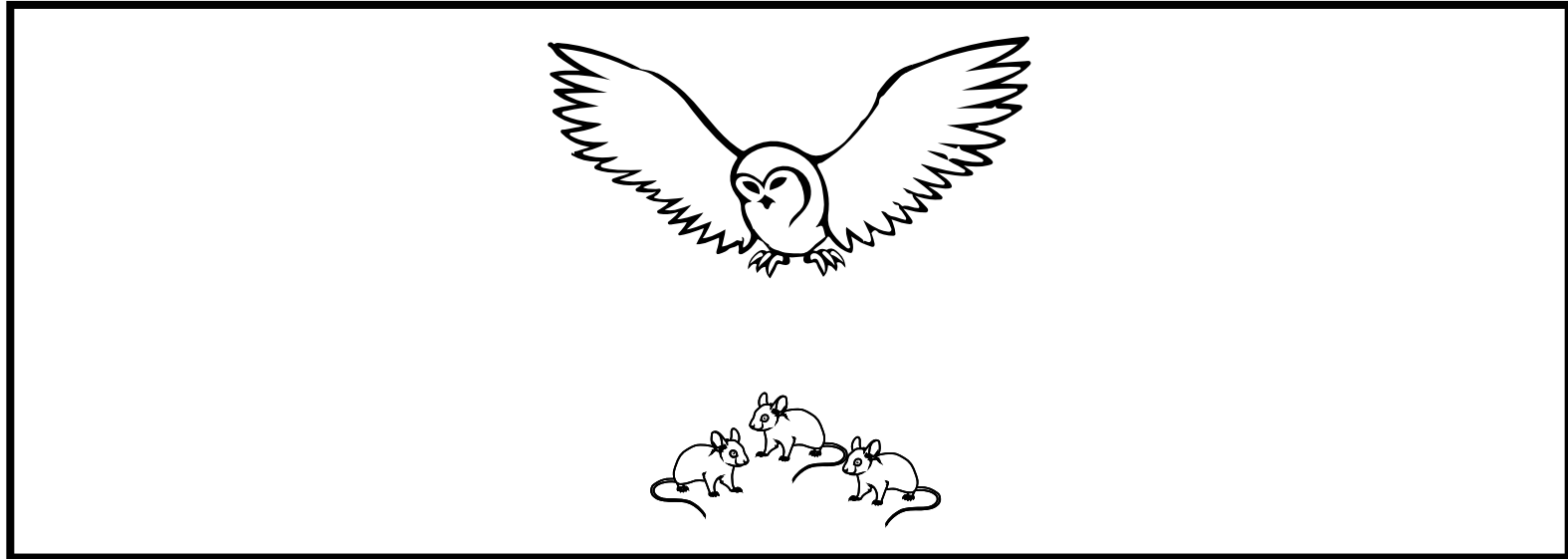


B

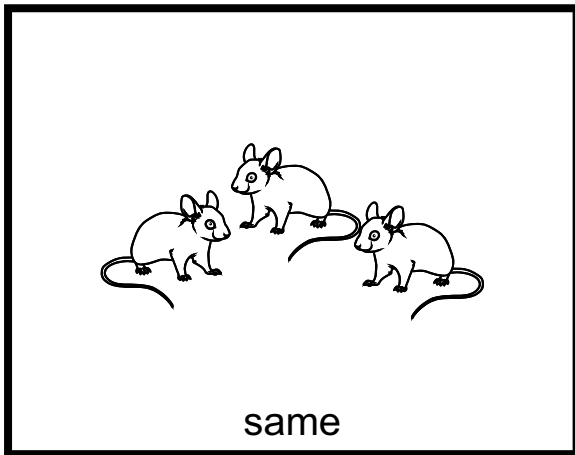


C

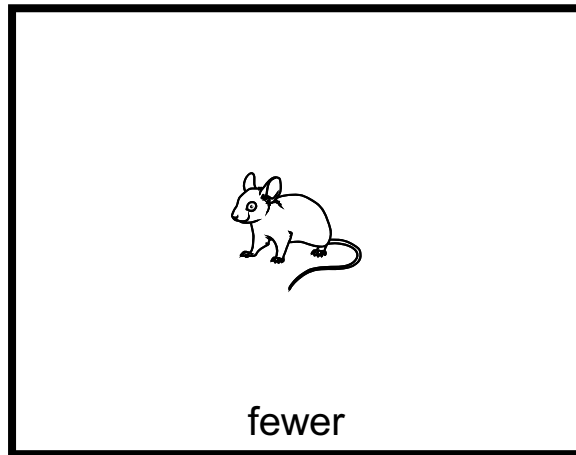
Item 11



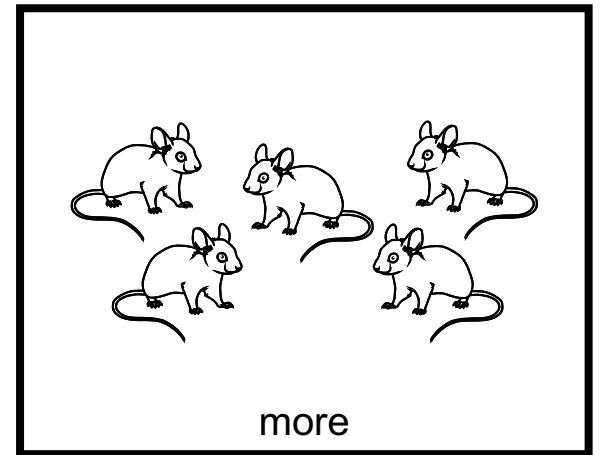
What would happen to the number of mice if there were no owls hunting them?



A

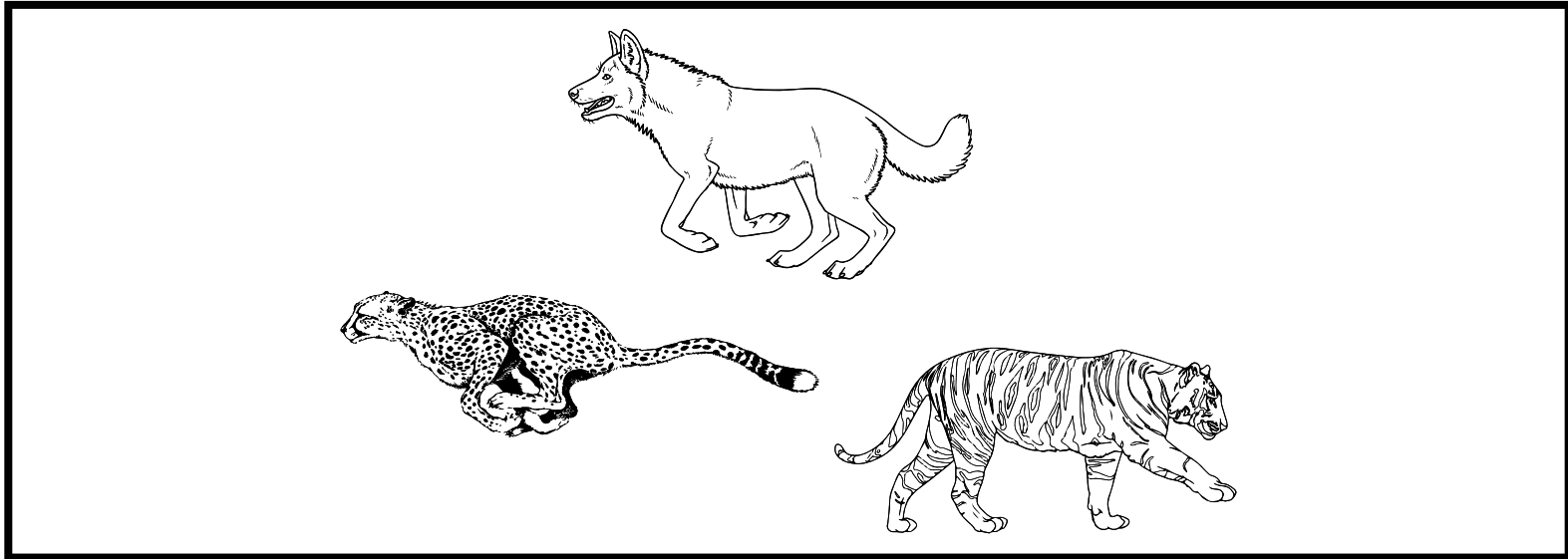


B

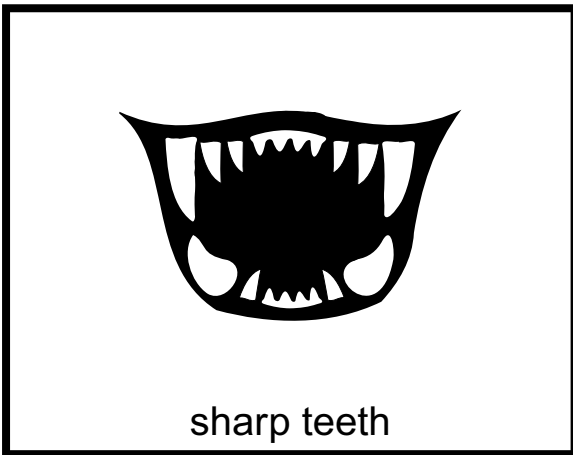


C

Item 12

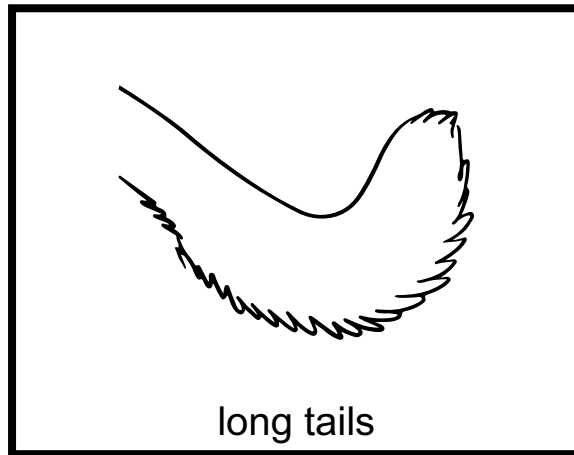


Which trait do these predators share that helps them kill and eat their prey?



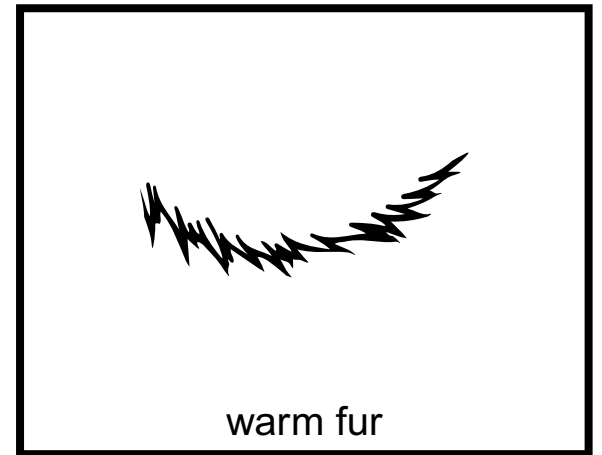
sharp teeth

A



long tails

B



warm fur

C

