



Adaptations of animals in very dry and hot conditions

Summer sleep

- Some warm-blooded animals, like desert squirrels, go underground during the hottest time.
- This phenomenon is known as summer sleep.

Water from plants

- If no drinking water is available, the gemsbok (oryx) can get its moisture from plants.



Exercise 3

Date:

1. Here are a few examples of animals living in different environments. Some of these plants or animals live in more than one of the spheres. If this is the case, name both.

A.



Lion

B.



Fish and algae

C.



Pine tree

D.



Eagle

E.



Squirrel

F.



Catfish

G.



Fish and coral

H.



Seal

I.



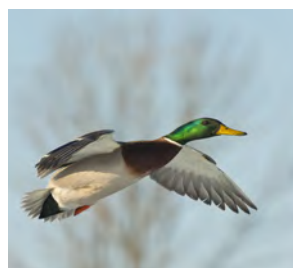
Polar bears

J.



Crab

K.



Geese

L.

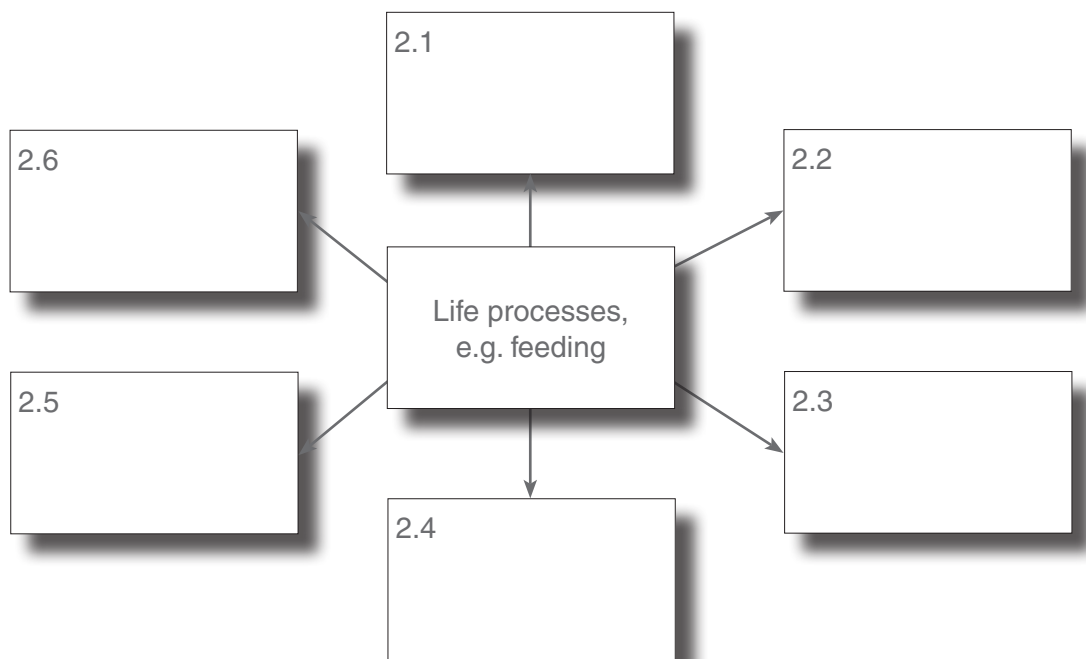


Dandelion



Hydrosphere	Atmosphere	Lithosphere

2 Complete the following diagram about the life processes that any living organism performs.



3 Look at each of the following pictures and then say which life process is represented by each. Some pictures represent more than one process. Name all the processes that are represented by the picture.

3.1		3.2		3.3		3.4	
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3.5		3.6		3.7	
3.8		3.9		3.10	
3.11		3.12		3.13	
3.14		3.15		3.16	

	Life process(es)		Life process(es)
3.1		3.2	
3.3		3.4	
3.5		3.6	
3.7		3.8	
3.9		3.10	
3.11		3.12	
3.13		3.14	
3.15		3.16	



4 Study the pictures in the table below. Name one way in which each plant or animal is adapted to survive in dry conditions.

4.1 Squirrel 	4.2 Polar bear 	4.3 Tulips (bulbs) 	4.4 Swallows 
4.5 Dormouse 	4.6 Geese 	4.7 Cactus 	4.8 Pine tree 
4.9 Gemsbok 	4.10 Bears 	4.11 Camel 	4.12 Deciduous trees 

	Adaptation		Adaptation
4.1		4.2	
4.3		4.4	
4.5		4.6	
4.7		4.8	
4.9		4.10	
4.11		4.12	