Natural Science Unit 4 Test

1 **Categorise the animals below as *oviparous* or *viviparous*.**

parrot	dolphin	manta ray	seal	frog	bat	lion	turtle	~~cow~~

Viviparous	Oviparous
cow	

2 **Rewrite the sentences about vertebrate respiration so that they are correct.**

a. All animals need to take in carbon dioxide and expel oxygen.
All animals need to take in oxygen and expel carbon dioxide.

b. Fish take in oxygen from the air.

c. When they are young, amphibians take in oxygen with their lungs.

d. Adult amphibians can also breathe through their scales.

e. Waste carbon dioxide leaves a fish's body through its mouth.

f. Aquatic mammals, such as dolphins and whales, breathe using gills.

LIVEWORKSHEETS

3 Use the words in the box to complete the text about vertebrate reproduction.

mammals	shell	oviparous	male	nutrients	monotremes	embryo
		outside	offspring	~~sexually~~		

Most animals reproduce **(a)** *sexually*. This method requires a **(b)** _____ and a female of the same species. Almost all **(c)** _____ are viviparous. The **(d)** _____ develops inside the mother and she gives birth to live **(e)** _____. All baby mammals, including **(f)** _____, drink their mother's milk. Birds and most fish, reptiles and amphibians are **(g)**_____. The embryo grows **(h)** _____ the mother's body, inside an egg. The **(i)** _____ or jelly around the egg protects the embryo and contains all the **(j)** _____ it needs to grow.

4 Identify the invertebrates.

~~crustacean~~	cnidarian	myriapod	cephalopod
annelid	insect	arachnid	gastropod

a

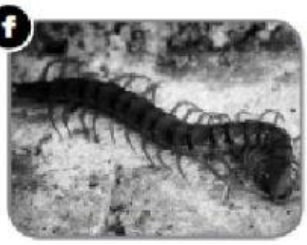
b

c

d

_____ _____ *crustacean* _____

e

f 

g

h

_____ _____ _____ _____

LIVEWORKSHEETS

5 Choose and circle the correct word to complete the sentences.

a. ***Insects / Arachnids*** have two body parts: a cephalothorax and an abdomen.

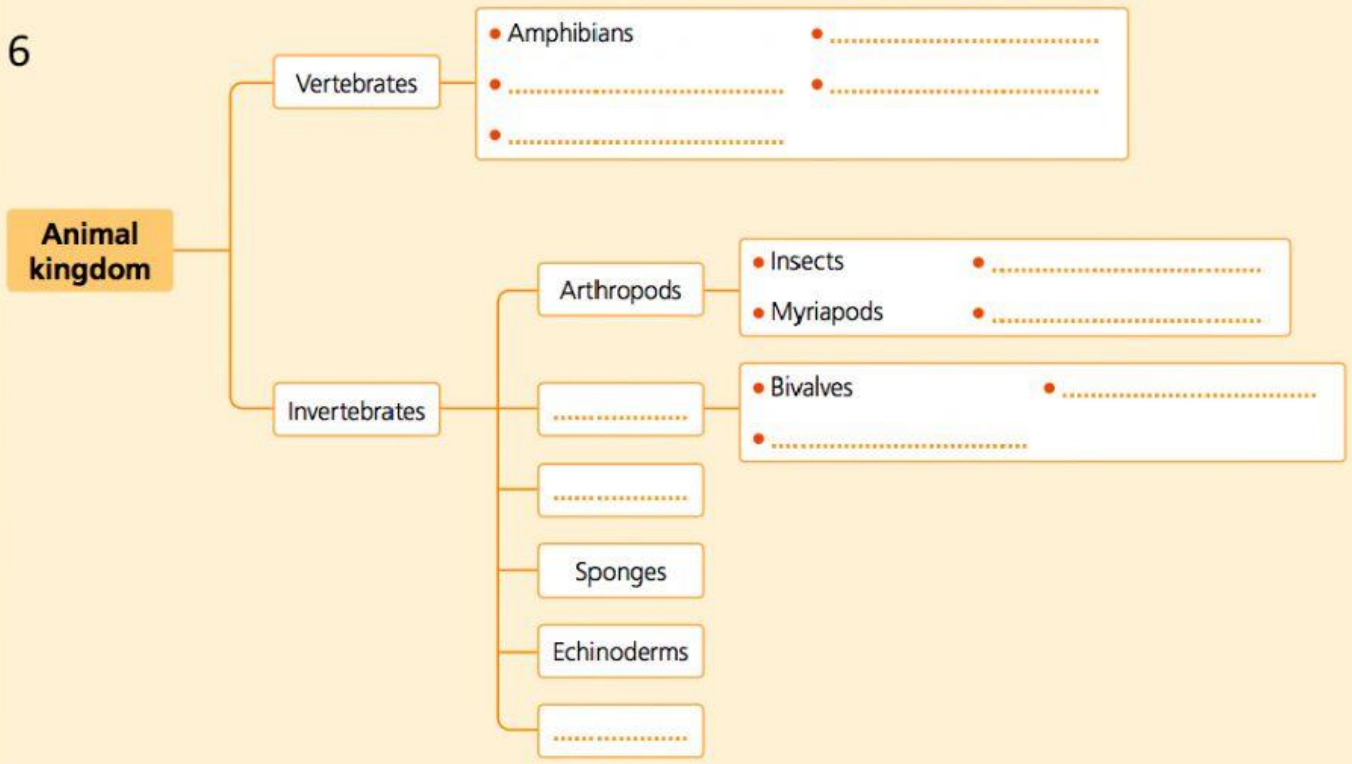
b. ***Echinoderms / Cnidarians*** are covered by a hard, spiny skin.

c. ***Sponges / Myriapods*** have an exoskeleton.

d. ***Crustaceans / Arachnids*** have five pairs of legs.

e. ***Gastropods / Bivalves*** have two shells.

6



LIVEWORKSHEETS

7

Complete the chart about invertebrates.

Arthropods

tarantula ~~crustacean~~ arachnid centipede beetle myriapod ~~crab~~ insect

crustacean

crab

Molluscs

~~cephalopod~~ mussels ~~gastropod~~ squid bivalve ~~snail~~

gastropod

snail

Other invertebrates

starfish cnidarian jellyfish annelid fireworm echinoderm ~~sponges~~

sponges

LIVEWORKSHEETS