

GIMNASIO COLOMBO BRITÁNICO
CAMBRIDGE PRIMARY SAMPLE TEST - PAPERS 1 – 2
OPEN-ENDED QUESTIONS
SCHOOL YEAR: 2022-1

TEACHERS: KATHERINE CHACÓN – JUAN FELIPE CORTÉS

AREA: SCIENCE

SUBJECT: SCIENCE

GRADE: 3rd

TRIMESTER: 3

NAME: _____ GROUP: _____

1. The skeleton has many functions.

Draw a line to match each **part of the skeleton** to each **function**.

leg bones

protects the heart

rib cage

enables movement

jaw

gives shape to the head

skull

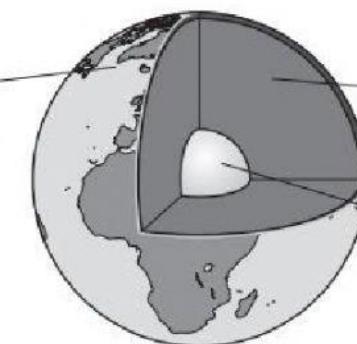
supports the mouth

2. Label the model of the Earth. Drag and drop from the list.

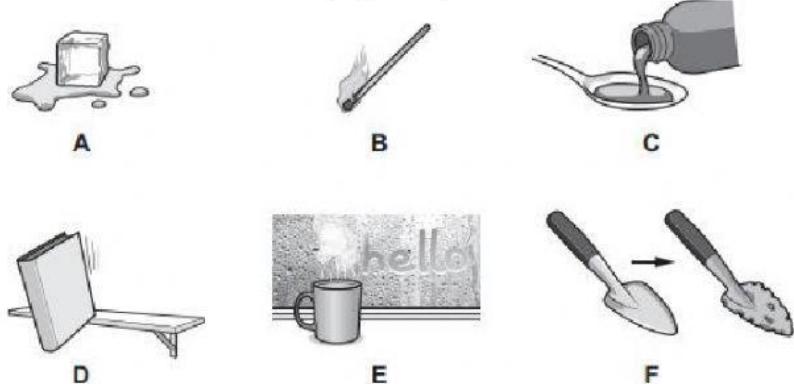
crust

core

mantle



3. There are chemical reactions and physical processes.



Which **two** letters show **chemical reactions**?

_____ and _____

Which **two** letters show **physical processes**?

_____ and _____

4. Describe the difference between vertebrates and invertebrates.

Complete the sentences.

Vertebrates are animals...

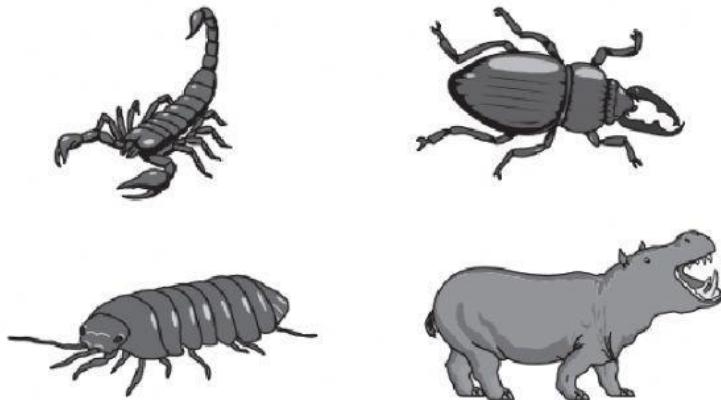
_____.

Invertebrates are animals...

_____.

5. Some animals have an exoskeleton.

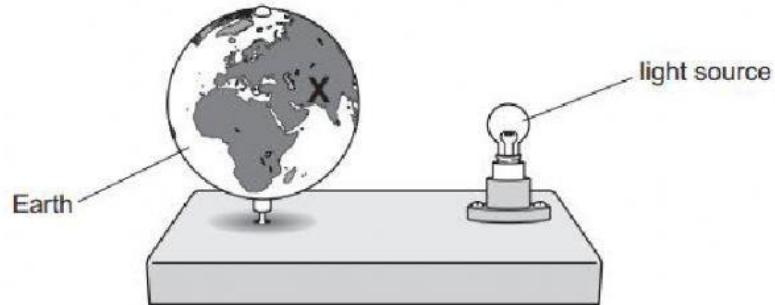
Select **all** the animals with an exoskeleton.



6. Draw a line to match each word to its correct description.

word	description
material	glass is used to make windows
particle	water exists as a solid, liquid and gas
substance	in a solid these are close together

7. Anastasia has a model.



(a) There is a light source in the model.

What **part of our solar system** does the light source represent?

8. Solids and liquids have properties.

Choose the correct box to show if each statement is true or false.

statement	true	false
solids have a fixed shape	<input type="checkbox"/>	<input type="checkbox"/>
liquids have a fixed shape	<input type="checkbox"/>	<input type="checkbox"/>
solids can be compressed	<input type="checkbox"/>	<input type="checkbox"/>
liquids can be compressed	<input type="checkbox"/>	<input type="checkbox"/>

9. Carlos puts a substance into a beaker.

Carlos:

- measures the temperature of the substance
- heats the substance for 8 minutes
- measures the temperature every minute.

Here are his results

time in minutes	temperature in °C
0	20
1	25
2	25
3	40
4	55
5	70
6	85
7	100
8	110

(a) Describe the pattern in the results.

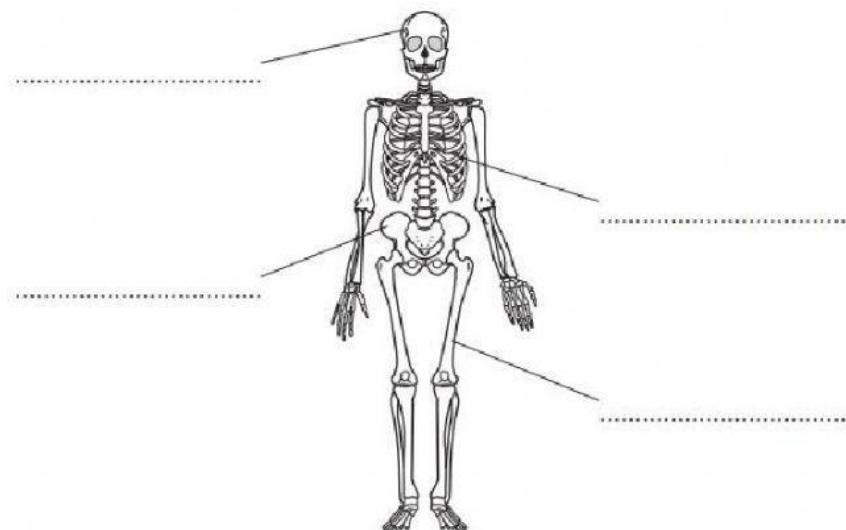
_____.

(b) The substance melts at 1 minute.

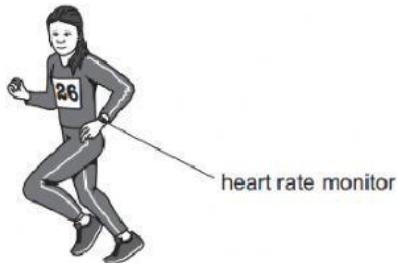
What is the temperature at 1 minute? _____ °C

10. The human body has a skeleton.

Label the bones of the skeleton.



11. Angelique investigates exercise.



She measures her heart rate using a heart rate monitor.

She runs for five minutes.

Angelique writes down the measurements.

I am running for 5 minutes.
Before I started running my heart rate was 50 bpm
My highest heart rate is 100, this happens at 3, 4 and 5 minutes.
After 1 minute my heart rate is 60 and after 2 minutes it is 80.

Complete the results table using these measurements

.....	heart rate in bpm
0
1
2
3
4
5