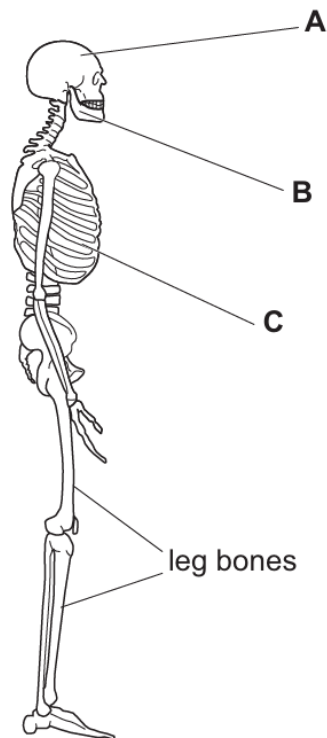


- 1 (a) The picture shows some of the bones in the human body.



Draw a straight line from each **labelled part** to the **name of the bone**.

labelled part	name of the bone
A	jaw
B	rib
C	skull

[1]

- (b) Complete the sentences about the leg bones.

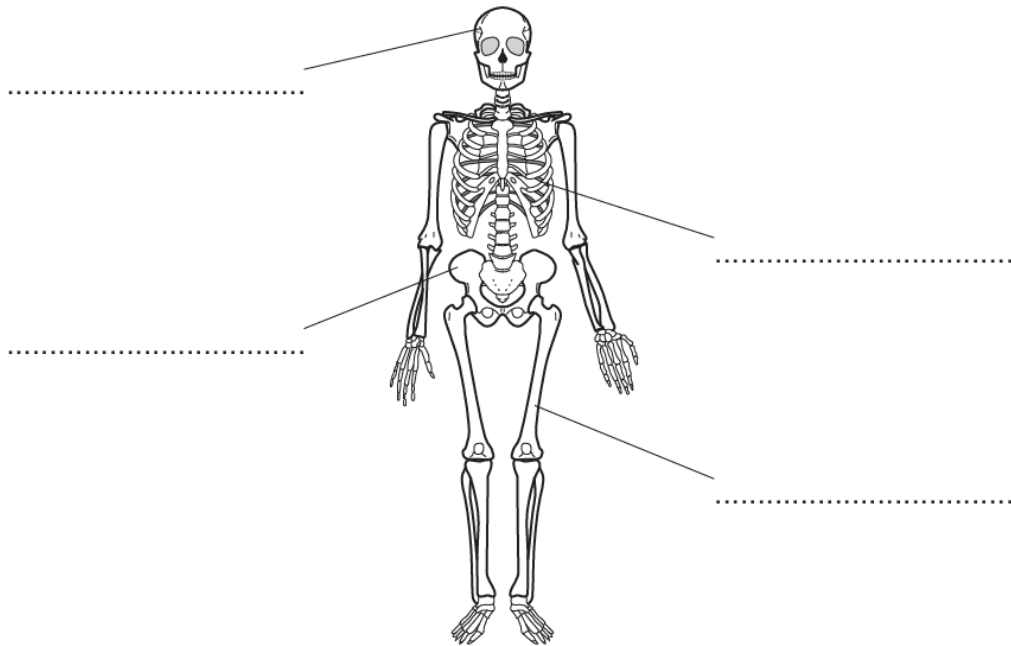
The leg bones move because they have of muscles attached to them.

The leg bones move when the muscles contract and

[2]

1 The human body has a skeleton.

(a) Label the bones of the skeleton.



[2]

(b) What is attached to the arm bone to make it move?

Circle the correct answer.

exoskeleton

pair of hands

pairs of muscles

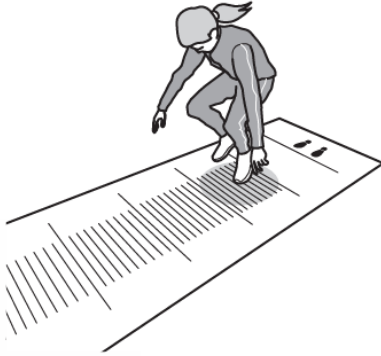
skin

[1]

6 Mia investigates movement in six friends.

She measures:

- their height
- the distance each friend jumps.



(a) Mia says,

'I think the tallest person will jump the greatest distance.'

What kind of statement is this?

Tick (✓) the correct box.

- | | |
|-------------|--------------------------|
| conclusion | ☐ |
| question | ☐ |
| prediction | ☐ |
| description | ☐ |

[1]

(b) Write down **one** way Mia makes the investigation fair.

..... [1]

(c) Mia records her results in a table.

name	height in cm	distance jumped in cm
Aiko	129 cm	121 cm
Blessy	125 cm	126 cm
Safia	120 cm	127 cm
Priya	136 cm	138 cm
Lily	140 cm	121 cm
Anastasia	135 cm	131 cm

Mia has made **one** mistake in how she records her results.

Write down the mistake Mia has made.

..... [1]

(d) At the start of her investigation Mia said,

‘I think the tallest person will jump the greatest distance.’

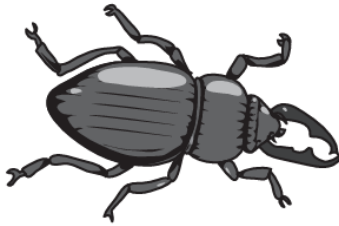
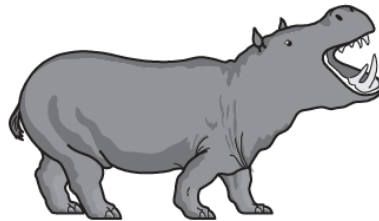
Mia was **not** correct.

Use the results table to explain why Mia was **not** correct.

.....
..... [1]

10 Some animals have an exoskeleton.

Put a tick (✓) next to **all** the animals with an exoskeleton.

☐☐☐☐

Not drawn to scale.

[1]

(b) Write down the type of exercise that gives Blessy the highest heart rate.

..... [1]

(c) Exercise helps to keep our body healthy by making our heart stronger.

Write down **one other** example of how exercise helps to keep our body healthy.

..... [1]

3 Blessy investigates different types of exercise.

She measures her heartbeat after doing each type of exercise for 10 minutes.

Here are her results.

type of exercise	heart rate in beats per minute
resting	70
walking	75
jump jacks	87
running	93
jogging	85

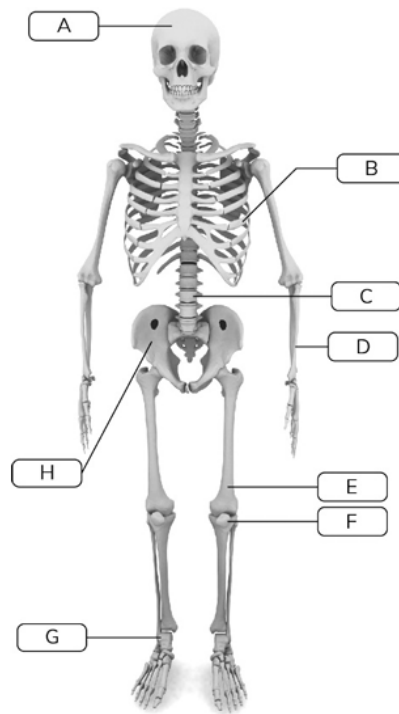
(a) Complete the bar chart of her results.

The first bar has been drawn for you.



[2]

- 1 Look at the picture of the skeleton and answer the questions.

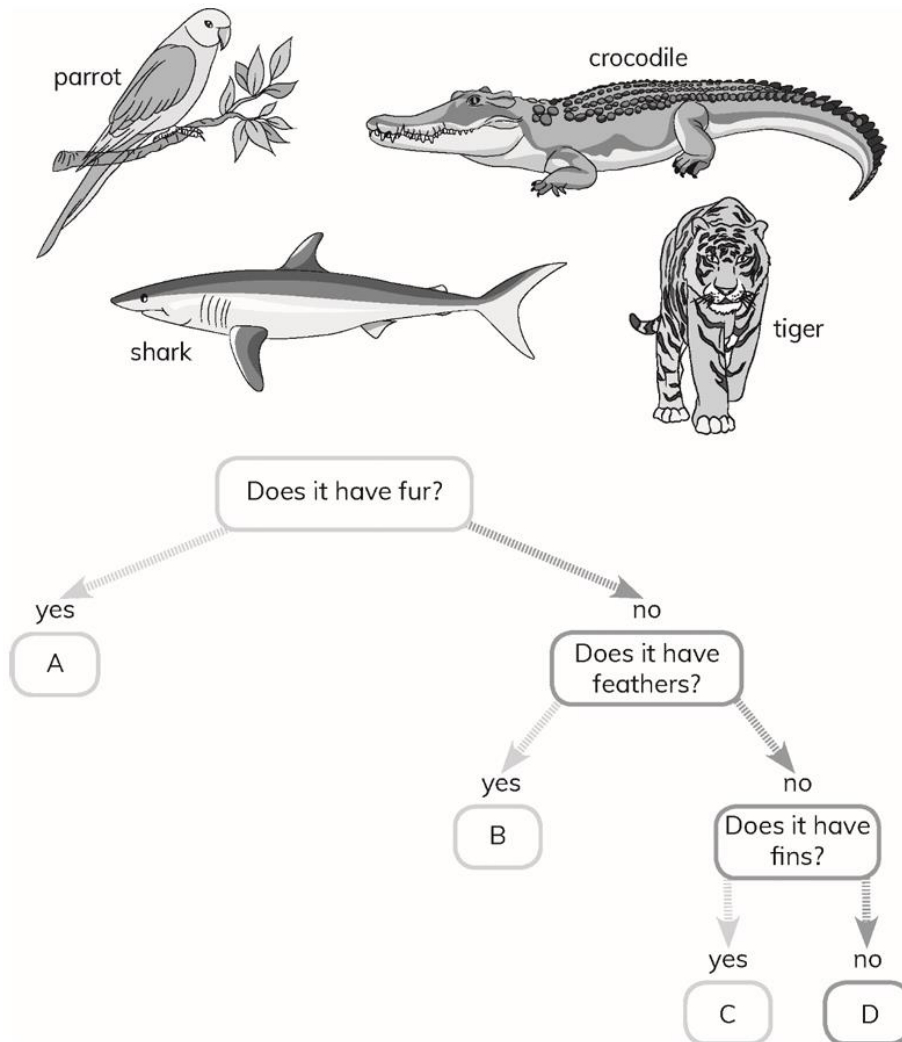


- a Which part is the spine? _____
- b Which part protects the brain? _____
- c Which part protects the heart and lungs? _____
- d Which part is the hip bone? _____

- 2 We need to move to stay healthy.
- a What parts of our body allows us move in different ways?

- b Describe how these body parts work to make us move.

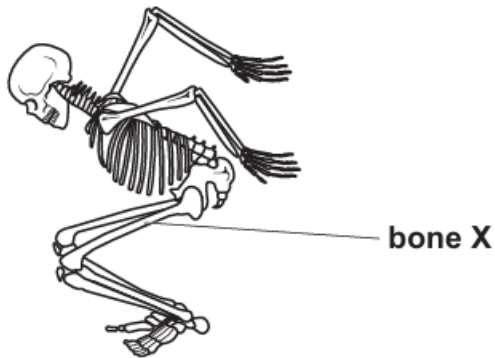
- 3 Use the key to identify the four animals in the pictures.



2 Jumping is a type of movement.

The skeleton helps humans to jump.

When a human jumps, **bone X** moves.



(a) Write down the name of **bone X**.

..... [1]

(b) Complete the sentence.

When a human jumps, **bone X** moves because
attached to the bone contract. [1]

(c) Mike says,

'Moving keeps humans healthy.'

Write down **one** reason why Mike is correct.

..... [1]