

# Evolution and Inheritance

Summer 2  
Week 10  
Lessons 5 - 6



# Comparison Difference Between Neanderthals Humans

## Recap

What differences / similarities can you remember between...



HOW do you think living things evolve?  
Why do you think ADAPTATION happened?



Neanderthal

VS



Homo sapiens





Neanderthal



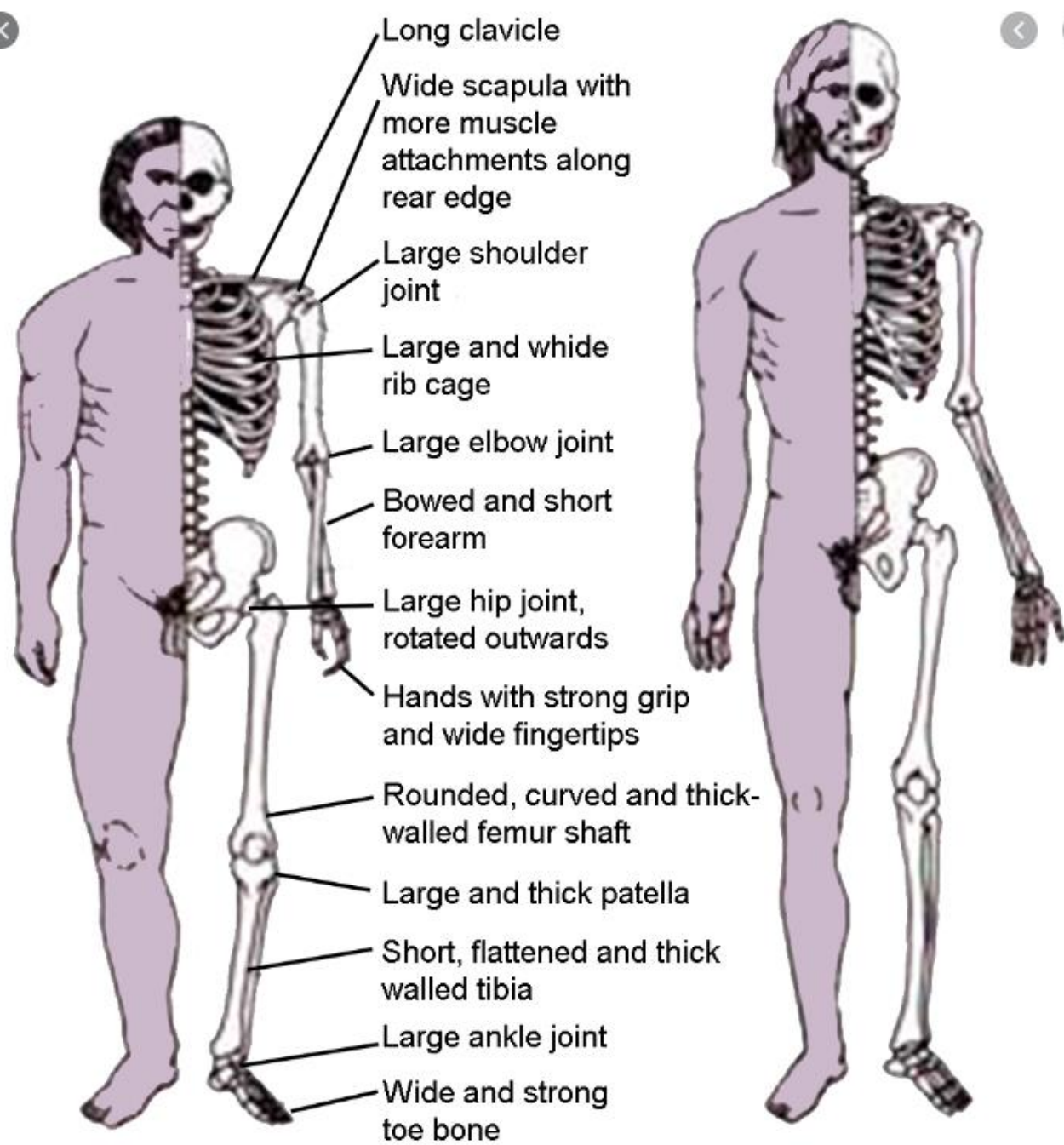
Homo Sapien



Neanderthal

Modern human





**NEANDERTHAL MALE**

**MODERN MALE**

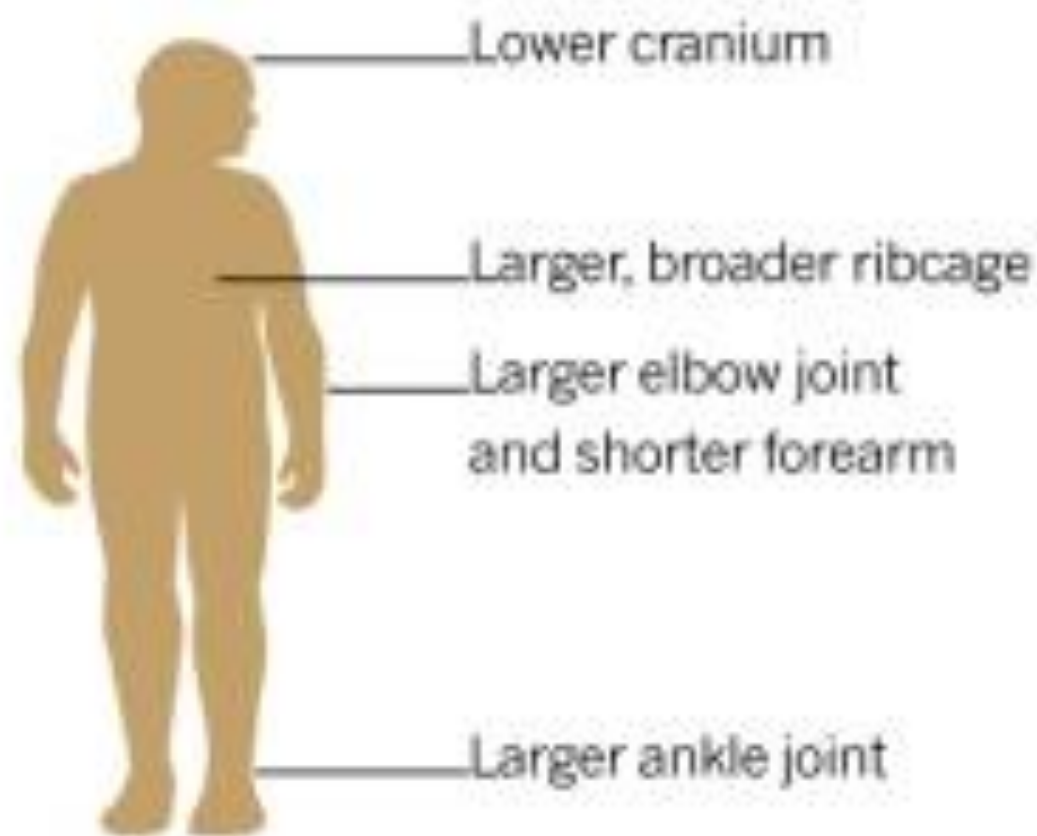


## TWO KINDS OF HUMAN

Neanderthals were more robustly built than modern humans, which may have put different demands on their brains.



Modern human



Neanderthal

# How could you record this information?

e.g.

Carroll diagram

Venn Diagram

Table



## NEANDERTHALS VERSUS HOMO SAPIENS

Neanderthals are an extinct species of humans, that was widely distributed in ice-age Europe

Evolved about 400,000 to 40,000 years ago in Europe and Southwestern to central Asia

Had no subspecies

Lived in Europe and Southwestern to central Asia

Had a receding forehead with prominent brow ridges

Have a short and stocky body

Brain was larger compared to the body

Average male height was 5 ft 5 in. and female height was 5 ft 1 in.

Weight of males was 143 lbs and weight of females was 119 lbs

Lived in caves, hunting animals and gathering food

Used symbolic and ornamental objects occasionally

Homo sapiens refer to the primate species to which modern humans belong

Evolved about 200,000 years ago in Africa

Homo sapiens sapiens and Homo sapiens idaltu are the two subspecies

Live all over the world

Have a flat and near vertical forehead

Have a lighter build

Brain is smaller compared to the body

Average male height was 5 ft 7.5 in. and female height was 5 ft 2 in.

Weight of males was 119-141 lbs and weight of females was 168-183 lbs

Spends a settled life, producing food through agriculture and domestication

Uses much more complex symbols as well as languages for communication

## ANSWERS

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