

# STRUCTURES

1. A structure is a group of \_\_\_\_\_ united to support a \_\_\_\_\_ with stability.

2. Match each example with its corresponding structure elements

Humans have

columns, beams and roof

Bicycles have

skeleton

Houses have

a frame

3. Select the correct word

The \_\_\_\_\_ is the most common type of structure

The elements of frame structures are made of \_\_\_\_\_

The space between the elements is \_\_\_\_\_

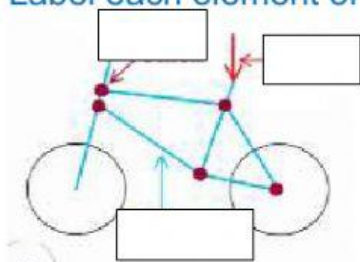
The elements in the bicycle's frame are \_\_\_\_\_

4. Label each element of the structure:

Load

Union

Element



5. Drag and drop the advantages and disadvantages of a frame structure:

Inexpensive to manufacture

Not good for very big load

Easy to design

Not good for strong impacts

ADVANTAGES	DISADVANTAGES