

# FORCES AND MACHINES

¿CÓMO TE  
AYUDO?



## 1. Write down the correct number to answer the questions.

Where are the foundations?  How many can you see?

Can you see four pillars? Where are they?

Where are the beams?

Where are the arches?  How many can you see?

Where are the cables?



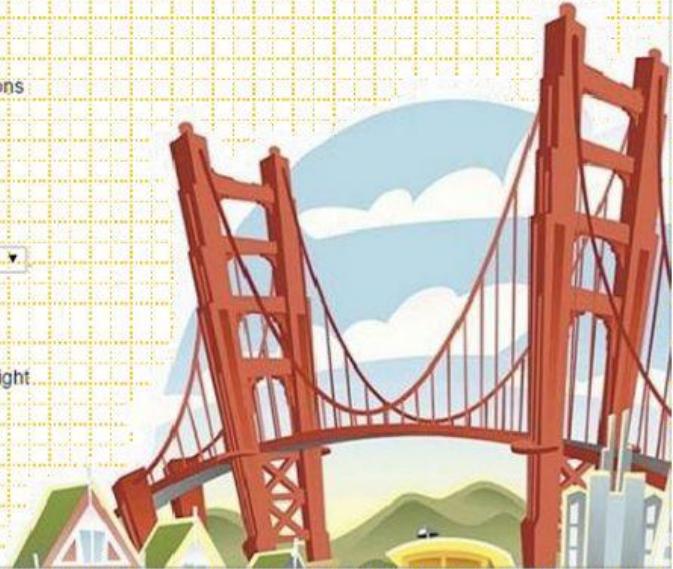
## 2. What are the functions of the parts of a bridge?

1.  transmit weight to the columns.

2. The vertical bars that transmit weight to the foundations  
are the

3. The part that supports the structure is the

4. Elements made of metal wire that help to support weight  
are the



## **HOW TO BUILD A BRIDGE**

Choose a model and try to build a bridge!