1 Read these descriptions of five bridges and name the diagrams.

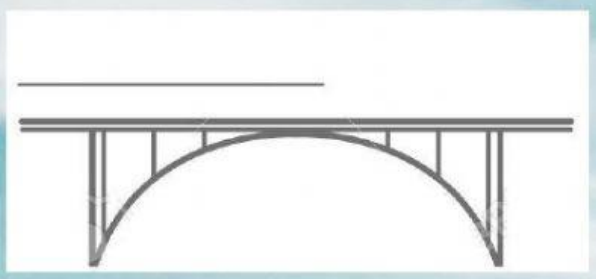
1 In a **suspension bridge**, cables go from one tower to another and the deck hangs from vertical uspenders (cable or rods) attached t o the main cable.

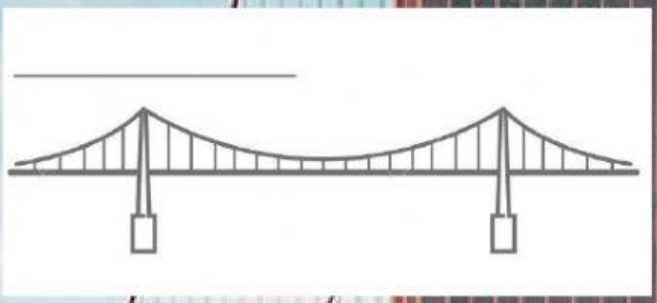
2 A **cantilever** is a beam supported at one end. In cantilever bridges, a beam balances on t op of two or more other beams, or cantilever arms.

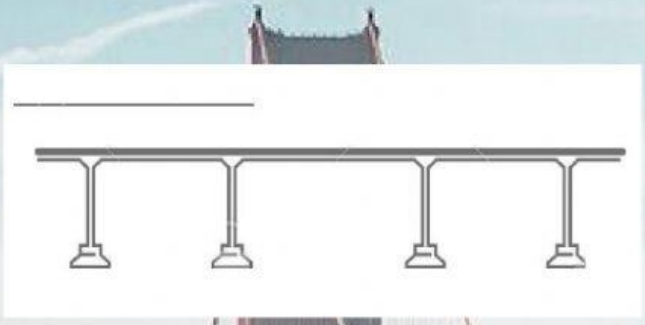
3 **Arches** are normally semicircular in shape. In this type of bridge, there are no cables or towers.

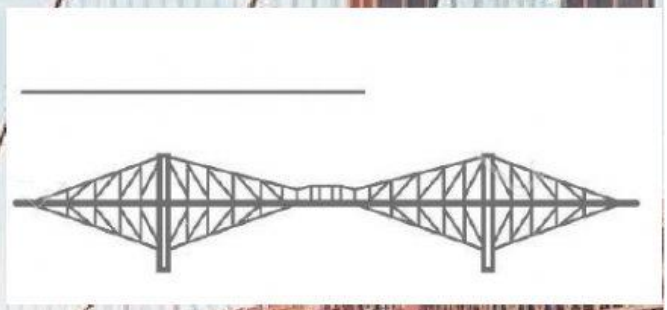
4 **Beam bridges** are the most common type of bridge. The design is very simple. The beam sits on top of two or more supports or abutments.

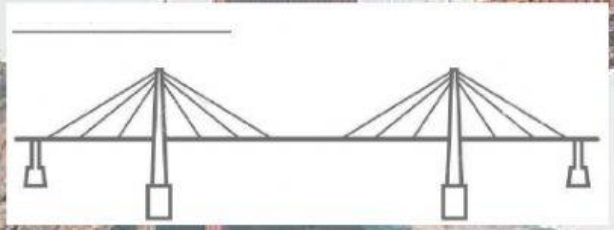
5 In a **cable-stayed bridge**, the cables go directly from the tower to the deck. Cable-stayed bridges can have any number of towers











2. Look the words in a dictionary, and complete.

GUARDRAIL - VERTICAL ABUTMENT - PIER - PILES - WING WALL

SLOPING ABUTMENT - BRIDGE DECK - PILE CAP - SPREAD FOOTER - HEADER -