

## 7

## Specifications

## 1 Dimensions



## Start here

1 What do you know about this bridge?

- 1 What's it called?
- 2 Where is it?
- 3 How high is it?

## Listening

2  39 Listen to part of a TV programme about the bridge. Check your answers to 1.

3 Work in pairs. Which of the following can you see in the photo?

cable deck pier pylon span

4  40 Listen to the next part of the TV programme and complete the specifications of the bridge.

BrE: metre, millimetre, centimetre.  
AmE: meter, millimeter, centimeter.

Don't add -s to abbreviations of units.  
say: one hundred metres / kilometres; write: 100 m / 100 km

**Millau Bridge: specifications**

Structure	(1) cable-stayed	Length of outer spans	(7)	m
Completion date	(2) December 2004	Number of piers	(8)	
Material: cables and deck	(3)	Height of pylons above deck	(9)	m
Material: piers	(4)	Height of deck above water	(10)	m
Total number of spans	(5)	Length of deck	(11)	km
Length of inner spans	(6) m	Width of deck	(12)	m

**Vocabulary** 5 Complete the table.

Adjective	high	long	_____	wide
Noun	_____	_____	depth	_____

## 6 Complete the sentences with the correct word in brackets.

- 1 The \_\_\_\_\_ of the road is 6 m. (wide/width)
- 2 The river is 230 km \_\_\_\_\_. (long/length)
- 3 The sea has a \_\_\_\_\_ of 330 m. (deep/depth)
- 4 These pylons are over 80 m \_\_\_\_\_. (high/height)
- 5 These oil wells are more than 700 m \_\_\_\_\_. (deep/depth)
- 6 The total \_\_\_\_\_ of the road is about 120 km. (long/length)
- 7 The tunnel is 15 m \_\_\_\_\_. (wide/width)
- 8 The \_\_\_\_\_ of the bridge is 130 m. (high/height)

**Language**

How	high wide long deep	is it? are they?	It's They're	2 10 100 1000	millimetres centimetres metres kilometres	high. wide. long. deep.
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**Speaking**

- 7 Make questions about the Millau Bridge. Use the specification chart in 4.
- 8 Work in pairs. Ask and answer your questions in 7.

*Example:**TV presenter: How long are the inner spans?**Engineer: They're 342 metres long.***Task**

- 9 Work in pairs. Find out the specifications of your partner's bridge.

Student B. Turn to page 118.

Student A:

- 1 Ask Student B questions about the Akashi-Kaikyo Bridge. Complete your specifications chart.
- 2 Then change roles. Turn to page 114 and answer Student B's questions about the Rion-Antirion Bridge.

**Akashi-Kaikyo Bridge: specifications**

Type of structure	Suspension
Country	
Piers (number)	
Span (length)	
Deck (above water)	
Deck (length)	
Water (max depth)	
Water at main pier (depth)	

The Akashi-Kaikyo Bridge

