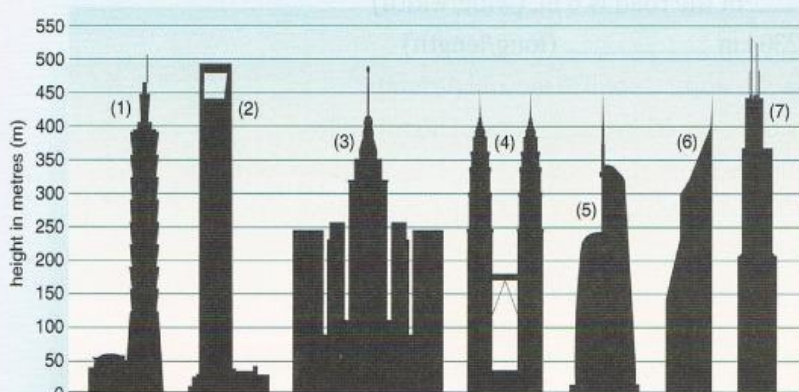


2 Quantities

Start here 1 Try the quiz. Match the names of the buildings to the pictures. Write the number and the approximate height of each building.



- A Dubai Towers Doha, Qatar**
(Picture # ____; height ____ m)
- B Federation Tower, Russia**
(Picture # ____; height ____ m)
- C Abraj Al Bait Towers, Saudi Arabia**
(Picture # ____; height ____ m)
- D Sears Tower, USA**
(Picture # ____; height ____ m)
- E Petronas Towers, Malaysia**
(Picture # ____; height ____ m)
- F Taipei 101, Taiwan**
(Picture # ____; height ____ m)
- G Shanghai World Financial Centre, China**
(Picture # ____; height ____ m)

2 41 Listen and check your answers to 1.

Reading 3 Read the FAQs from the website and match them to the answers.

BrE lift = AmE elevator

write: 8000 m²; say: eight thousand square metres.
write: 250,000 m³; say: two hundred and fifty thousand cubic metres.
write: 5 kg; say: five kilograms or five kilos.

This is Taipei 101. It is currently the highest in the world. Here are some frequently asked questions (FAQs) about the building.

- 1 How high is Taipei 101?
- 2 What's the footprint of the building?
- 3 How many storeys does it have?
- 4 How do you get to the top?
- 5 What's the building made of?
- 6 How much steel and concrete is in the building exactly?

- A About 700,000 tonnes.
- B By super-fast elevator. The building has two high-speed elevators. Each elevator travels at 17 m/s.
- C 101.
- D It towers above Taipei at the amazing height of over 508 metres.
- E Reinforced concrete, steel, aluminium and glass.
- F The base of the building has an area of about 450 m².

2 Quantities

- 1 Complete the text with facts from the specification chart.

The Gherkin

Address: 30 St Mary Axe, London
 Completion date: 2003
 Height: 180 m
 Floors: 40
 Glass area: 24 000 sq m
 Floor area: circle
 Footprint: small
 Number of lifts: 18
 Speed of lifts: 6 m/s
 Materials: reinforced concrete,
 steel, aluminium, glass
 Width of glass lens: 2.4 metres



This building is called 'The Gherkin'. It was completed in (1)_____. The (2)_____storey building is 180 (3)_____ high. The building is made of (4)_____, (5)_____, (6)_____ and (7)_____. The glass windows have an (8)_____ of 24 000 (9)_____. The building has (10)_____ lifts. Each lift travels at 6 (11)_____. Each floor area of the building is a (12)_____. The floors at the top and bottom are small. The floors in the middle of the building are bigger. The footprint of the building is (13)_____. All the glass on the side of the building is flat. But on the top of the building, there is one round glass lens. It is 2.4 metres (14)_____.

- 2  18 A customer is ordering some materials. Listen and complete the order form.

Item	Kind (circle)	Size (circle)	Product number (circle)	Quantity (write)
Paint	green / grey	5 / 10 litre tin	P176GR / D186G	
Cement	grey / white	10 / 20 kg bag	C0116W / S0196G	
Nails	packet of 50 / 100	24 / 30 mm	N420 / N240	
Screws	packet of 50 / 100	20 / 24 mm	S00941 / F00921	

- 3  19 Listen and complete the questions from question 2.

- 1 How much paint do you need?
- 2 _____ do you need?
- 3 _____ do you need?
- 4 _____ do you need?
- 5 _____ do you need?
- 6 Do you have _____?
- 7 _____ do you need?
- 8 Do you need _____?