

## Review

**Writing 1** Put these phases of bridge construction in the correct order 1–7.

- |  |  |
|--|--|
| <input type="checkbox"/> foundations       | <input type="checkbox"/> pier construction |
| <input type="checkbox"/> site preparations | <input type="checkbox"/> deck              |
| <input type="checkbox"/> opening ceremony  | <input type="checkbox"/> superstructure    |
| <input checked="" type="checkbox"/> design |  |

**2** Complete this conversation about a bridge project. Write one or two words in each gap.

- A: So, when will they start the design phase?  
 B: In November. The whole project (1) \_\_\_\_\_ about 24 months.  
 A: I see. What sort of bridge (2) \_\_\_\_\_ it be?  
 B: It (3) \_\_\_\_\_ a simple beam bridge.  
 A: And how (4) \_\_\_\_\_ will it be?  
 B: I think the overall length will be 300 metres. But I'm not sure. (5) \_\_\_\_\_ have to check.  
 A: So it'll be (6) \_\_\_\_\_ than the other bridge?  
 B: Yes, that's right.  
 A: OK. How many piers will it (7) \_\_\_\_\_? Three?  
 B: No, the civil engineer says that two (8) \_\_\_\_\_ enough.

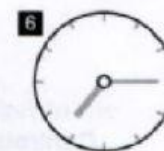
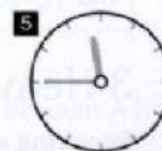
**3** Sketch one type of bridge design. Name the bridge type and label the parts of the bridge using some of the words in the box.

abutment beam cable circular deck foundation pier  
rod superstructure support tower

**4** Write these dates in words.

- |               |               |
|---------------|---------------|
| 1 3 Oct 1992  | 3 16 Mar 2010 |
| 2 24 Feb 2001 | 4 12 Apr 1987 |

**5** Write these times in words.



**6** Are these questions *correct* (C) or *incorrect* (I)? Correct the mistakes.

- |                                     |                              |
|-------------------------------------|------------------------------|
| 1 How much bags of cement? (C / I)  | 4 How many projects? (C / I) |
| 2 How many litres of water? (C / I) | 5 How much sand? (C / I)     |
| 3 How much metres? (C / I)          |                              |

**7** Read this information about a bridge project and write a short text about it for your company brochure. Draw and label a diagram with the dimensions. Start like this. *We started the project in ...*

|                                      |                                     |
|--------------------------------------|-------------------------------------|
| <b>Type:</b> beam                    | <b>Height:</b> 56 m (highest point) |
| <b>Materials:</b> steel and concrete | <b>Start date:</b> Sept 2009        |
| <b>Piers:</b> 3                      | <b>Completed:</b> Nov 2010          |
| <b>Length:</b> 46 m                  | <b>Location:</b> northern Germany   |
| <b>Width:</b> 24 m                   | <b>Client:</b> government           |