

Review

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

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|--|--|
| ☐ foundations | ☐ pier construction |
| ☐ site preparations | ☐ deck |
| ☐ opening ceremony | ☐ superstructure |
| ☒ 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.

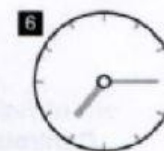
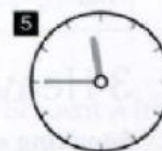
3 Sketch one type of bridge design. Name the bridge type and label the parts of the bridge using some of the words in the box.

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 ...*

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