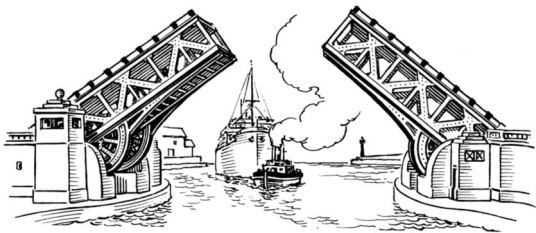


## Deepening Understanding - Replace the Bridges!

### UKS2 Formal Addition and Subtraction of Decimals Investigation - Instructions

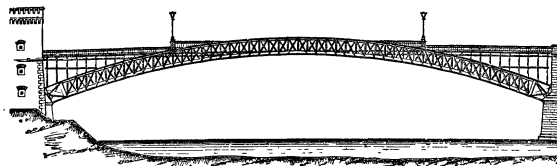
The Government of the United Kingdom has decided to replace three crumbling bridges across the country. The projects have now been passed onto an architect.

**SEAHORN BRIDGE**



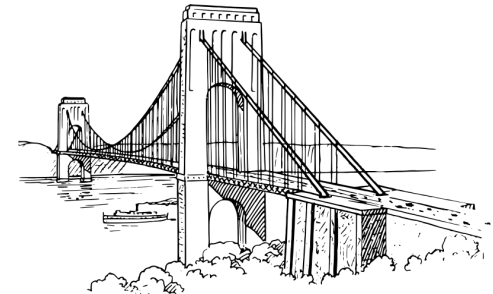
15 Metres

**FRACKHAM BRIDGE**

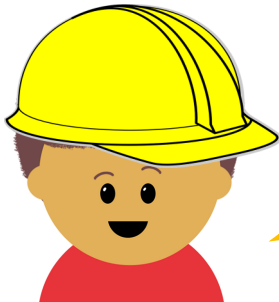


25 Metres

**RHYL SUSPENSION BRIDGE**



35 Metres



Can you help me design the new bridges using the part list attached?

#### Rules:

- Each structure must have a ramp to allow access on and off of the bridge.
- The bridge must be as close to the specified length as possible. (It cannot be smaller).
- Use as many of each part as you wish.

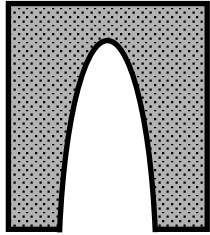


© Copyright Deepening Understanding LTD 2017

Photocopiable for educational purposes only

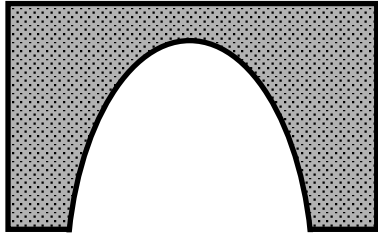
Deepening Understanding - Replace the Bridges!

UKS2 Formal Addition and Subtraction of Decimals Investigation - Part List



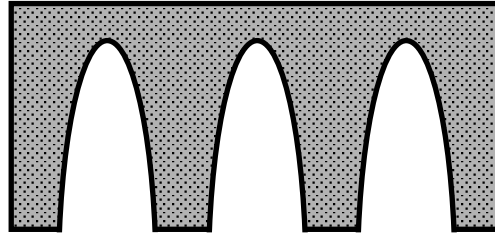
A Section

1.27m



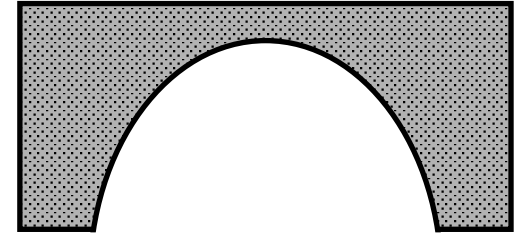
B Section

2.85m



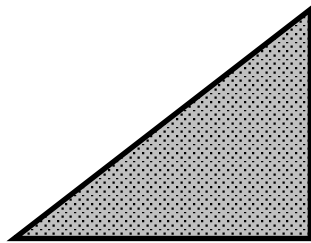
C Section

3.03m



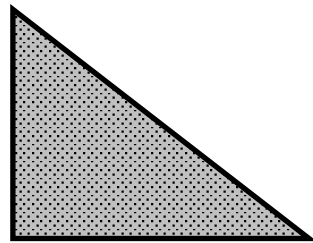
D Section

4.2m



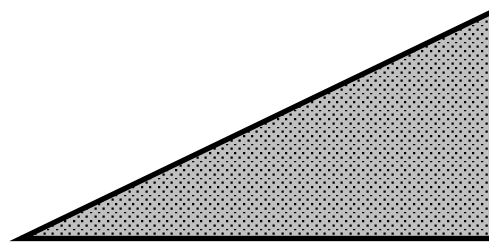
E Ramp

2.16m



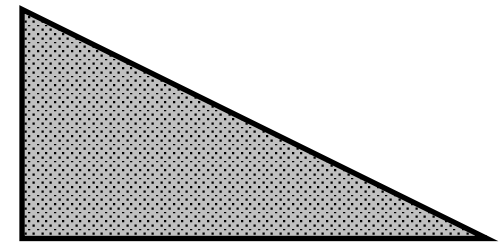
F Ramp

2.16m



G Ramp

5.89m



H Ramp

5.89m

