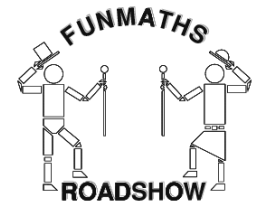
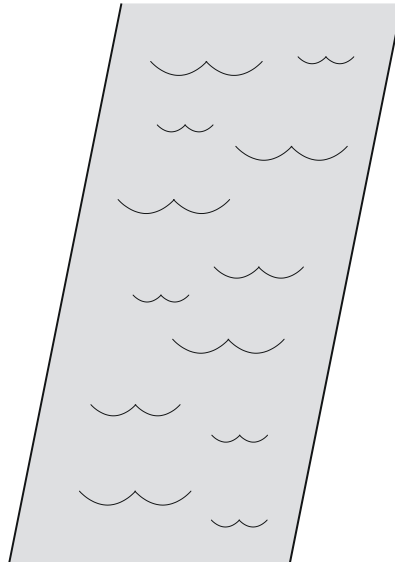


# A Bridge Too Far



Baseboard none

Resources none



## Puzzle 1

The River Puzzlement is 50m wide. It is spanned by a new bridge, of which one quarter lies on the West Bank and one quarter lies on the East Bank. How long is the bridge?

## Puzzle 2

A second bridge over the same river has one quarter lying on the West Bank and one eighth lying on the East Bank. How long is the bridge?

## Puzzle 3

A third bridge over the same river has one fifth lying on the West Bank and three tenths lying on the East Bank. How long is the bridge?

## Puzzle 4

A fourth bridge over the same river has one twelfth lying on the West Bank and a half lying on the East Bank. How long is the bridge?

## Puzzle 5

A fifth bridge over a **different river** is 100m long. 10% of the bridge lies on the West Bank and 20% of the bridge lies on the East Bank. How wide is the river?

## Puzzle 6

A sixth bridge over a **different river** is 100m long. 15m of the bridge lies on the West Bank and 25m of the bridge lies on the East Bank. What percentage of the bridge is directly over the river? [Hints and Answers](#)