

## Mental maths questions (measurement)

The questions below are for all number operations involving measurement

1. A fishing net is not allowed to be longer than 100 metres and can be no wider than 2 metres. If this was the actual length and width, what would the perimeter of the net measure?  
A: 204m
2. A trap end of a fishing weir is 5.6 metres apart. If a fisherman walked across the entrance to the trap 5 times whilst working on the weir, how far would he travel?  
A: 28 metres
3. Each eel-glaive basket-trap is a minimum of 1.2 metres long. An eel fisherman sets a total of 14 traps in his stretch of river. If they were exactly 1.2 metres long, how long would they be if they were laid on the ground end-to-end?  
A: 16.8 metres
4. The heaviest sturgeon ever caught in the River Severn weighed 170kg and the lightest was 65kg. What was the difference in their weights?  
A: 105kg
5. The longest conger eel caught at Sharpness was 203cm and the shortest was 168cm. What was the difference in their lengths?  
A: 35cm
6. The shortest average conger eel size caught in 1995 was 181cm. On average, how tall would 3 of these fish be?  
A: 543cm
7. In the 1900s, 4 basket-weirs caught salmon that weighed a total of 364kg. On average, what was the weight that each basket-weir caught?  
A: 91kg
8. If two sandbanks at Newnham were each 70 metres wide and 10 metres long, what is the total area of both altogether?  
A: 1400 m<sup>2</sup>
9. If a fisherman in a boat caught 163kg of fish, one from a basket-weir caught 137kg and a lave-net fisherman caught 135kg. What is the total weight of fish caught?  
A: 435kg
10. A sailor's dog ran the length of the ship he was on 6 times during a voyage from Gloucester to Bristol. If the ship was 70 metres long, how far did he run?  
A: 420 metres