

## Multiplication & division Severn word problems

Below are a set of word problems about aspects of the River Severn. You need to use written methods for multiplication and division to work out the answers.

1. There are 2 Severn bores on 130 days each year. If you watched the bores on each of these days, how many bores would you have seen in total? **A: 260**
2. The ferry man at Newnham charged 20p per person to cross the river. At the end of one day he had earned £5.00. How many people had he ferried across the river? **A: 25**
3. In Sharpness harbour, 6 ships are loaded and ready to leave. The lock can hold 2 ships at a time. If it takes 15 minutes to open and close the lock, how long will it take for all the ships to get out? **A: 45 mins**
4. After a day's fishing, a Berkeley fisherman caught 224 fish in his nets. He has orders for fish from 2 fishmongers in Gloucester and a fishmonger in Thornbury and Stroud. How many fish will each fishmonger receive? **A: 56**
5. A tree floating downstream on the river travels 1 kilometre in 20 minutes. If it is 6 kilometres from Gloucester to Epney along the river, how many minutes will it take for the tree to reach Epney? How long is this in hours? **A: 120 mins or 2hrs**
6. Railway wagons carrying coal from the Forest of Dean to Lydney docks carry 12 tons of coal each. If 50 wagons are unloaded every day at Lydney Docks, how many tons of coal are shipped out in a week? **A: 4,200 tons**
7. In 1597, records show that a total of 1600 tons of malt were unloaded at Gloucester by 200 ships. How much would malt was each ship carrying? **A: 8 tons**
8. The 'Forester' warship built at Newnham in 1805 had 20 cannon, giving her a broadside of 10 guns. If each cannon fired a shot that weighed 15kg, how heavy is a broadside? During her first sea-battle, the Forester fired

4,500kgs of cannonballs. How many cannonballs did she fire? **A: 150kg/300 cannonballs**

9. In 2005, elver fisherman caught an average of 6kgs of elvers. If each elver weighs 5g, how many elvers were caught? **A: 1200**
10. In 1901, Lydney exported 300,000 tons of coal, while Sharpness exported 680,000 tons of grain. A total of 2500 ships sailed from Lydney while only 500 ships sailed from Sharpness. On average, how much coal did each ship carry from Lydney and how much grain did each ship carry from Sharpness.  
**A: 120 tons coal Lydney/1360 tons grain Sharpness**