# Mental maths questions (percentages & fractions)

The questions below are for working out percentages and fractions

1.  If 3 wildfowlers shoot 75 ducks and each man shoots one third of the total, how many ducks has each man shot?                                                    A: 25

2.  A fisherman caught 50 fish in his nets.  If one fifth of these were salmon and the rest mullet, how many of each did he catch?        A: 10 salmon, 40 mullet

3.  A fisherman at Awre caught 250 fish in his basket-weir in a season.  A fisherman on the opposite side of the river at Frampton caught half this number.  How many fish did the Frampton fisherman catch?              A: 125

4.  Of 60 ships that docked at Sharpness in 1890, 15 were carrying fertiliser.  What fraction of the total number of ships was this?        A: $\frac{1}{4}$ (one quarter)

5.  The trow Two Brothers made 9 voyages in 1870. The older trow Sally made two thirds of this number.  How many voyages did the Sally make?      A: 6

6.  The schooner Dispatch made 80 voyages in 1 year and 25% of these were to Ireland.  How many voyages to Ireland did the ship make?                A: 20

7.  An eel fisherman at Apperley caught 25 eels in a month.  His colleague at Deerhurst caught 60% of this.  How many did he catch?                A: 15

8.  A ship owned by the 'Newnham & London Traders' made 3 voyages from Newnham to London.  A Bristol-based ship made only 33% of this.  How many voyages did the Bristol ship make?                                    A: 1 voyage

9.  Salmon fishing licences cost £40 on average.  If you are a member of a local salmon fishing syndicate you get a 25% discount.  How much does this make each licence?                                                    A: £30

10.   It took the clipper ship 'Bay of Panama' 80 days to travel from Australia to Sharpness.  If the ship had bad weather for 40% of the time, how many days was the ship in good weather?              A: 32 days in good weather