WORD PROBLEMS INVOLVING ROUNDING (Yr6)

1.   a) John and his two friends are going to the cinema. The cinema costs £3.30 for each person. How much will it cost John? If the bank will only give him £10 notes, how many £10 notes does he need?

        b) The next week John takes his two friend to the cinema, and will buy them drinks as well. The dinks cost £1.25 each. How much money will John need to get from the bank in £10 notes?

2. Alice is making a fruit punch for her party. The bowl for the fruit punch will hold 4.68 litres. The local shop only sells fruit juice in 150ml containers. How many does she need to fill the bowl?

3. Brian is stuck on the wrong side of a fast flowing river. His friends want to throw him a rope, but they only have shoe laces, each 135cm long. How many laces would they need to reach Brian if the river was 23m wide.

4. The local swimming pool is 10.58 metres wide. They are holding a swimming competition next week, and want to know how many people can swim in each race. Each swimmer needs their own lane marked out. The lane has to be at least 122cm wide. How many swimmers can they safely have in each race?

5. John was given £100 for Christmas. He wants to buy as many CD's in the HMV sale. Each CD costs £8.99. How many can he buy?

6. Mr Bartlett is tiling his new bathroom. The wall is 2.3 metres high and 3.4metres long. The tiles he has chosen are 11cm square. How many tiles will Mr Bartlett need to cover his wall. (tiles can be cut to fit).

7. Mia is setting out the school hall for a concert. She is working out how many rows of seats she can safely get in the 17.8m from the back of the hall to the stage. Each chair takes up 54cm and she must leave another 0.62m for legroom. She must also leave a 1metre gap at the back of the hall. How many rows can she fit in.

Now make up some of your own problems in which the answer has to be rounded.