**Multiplying and dividing by 10, 100 and 1000 – Word Problems SPICY**

**LI: To solve multiplication and division word problems.**

1. There are 10 children in each after school club at Knightswood Secondary. There are 47 clubs. How many children attend after school clubs in total?
2. An Ed Sheeran concert ticket costs £73.00. The booking fee is an additional £3.50 per ticket. How much would it cost for 100 tickets in total?
3. Miss Lindores spends £3.55 on a Starbucks coffee each morning. How much does she spend over 100 days?
4. There are 1000 iPads in each school in Edinburgh. There are 713 schools. What is the total number of iPads in schools in Edinburgh?
5. A flight ticket on British Airways from Glasgow to Florida costs £647.99. A group of 10 friends decide to go on the trip.
6. What is the cost per person? b. What is the total cost?
7. The capacity of Motherwell FC’s stadium is 4096. Hampden stadium has the capacity for 1000 times more spectators. What is the capacity of Hampden stadium?
8. British Airways charge £1700 for a return ticket to Australia. Emirates charge ten times cheaper.
9. What is the cost for a return ticket to Australia with Emirates airline?
10. How much money would you save travelling with Emirates airline?
11. East Dunbartonshire Council can build a children’s playpark for £79000. Glasgow City Council can build it at a price that is ten times cheaper. What is the cost for Glasgow City Council to build the playpark?
12. How many £10 notes would you receive for £40000?
13. How many £20 notes would you receive for £40000?
14. An old PS2 is on sale for one tenth of its original price. It usually costs £450.90. What is its price in the sale?
15. A human brain can handle three hundred thousand brain cells per second. The brain of a hippo can handle one thousand times less. How many brain cells can a hippo hold every second?

*EXTENSION: Create four word problem questions of your own. Two questions must be multiplication and the other two must be division.*