QTS Numeracy Mental Arithmetic Test 10 – Question Sheet

1. 15% of the pupils in a school of 420 pupils speak more than one language at home. How many pupils is this?

Answer: _____ Pupils

2. Of the 72 pupils who completed a test 48 achieved a level 5 result or better. What proportion of pupils achieved a result below level 5?
   Give your answer as a fraction in its lowest terms.

Answer: _____

3. A school trip to a local museum is planned for 30 pupils at a cost of £2.20 per pupil. What is the total entrance fee for the class of 30 pupils?

Answer: £ _____

4. A parents’ evening is due to start at 16:20 and finish at 18:00 with a break of 10 minutes at 17:05. How many 8 minute appointments can be completed during the evening?

Answer: _____ Appointments

5. The school football team played 24 matches during the season scoring an average of 7 goals per match. How many goals did the team score in total?

Answer: _____ Goals

6. A coach journey for a class outing covers a distance of 150 miles at an average speed of 60 miles per hour. How many hours and minutes did the journey take?

Answer: _____ Hours _____ Minutes
7. 20 pupils took part in a sponsored swim to raise money for charity. The pupils were expected to swim an average of 15 lengths each. The average amount of sponsorship was 30 pence for each length they swam. How much money would the class expect to raise for charity?

Answer: £ .

8. A teacher attends a training course 61 miles away and is entitled to claim travel expenses at a rate of 40p per mile for the journey there and back. How much does the teacher receive?

Answer: £ .

9. A pupil achieved 72 marks out of a possible 120 in a test. What percentage mark did the pupil achieve for the test?

Answer: %

10. 3800 millilitres of liquid is divided into 20 cylinders. How much liquid does each cylinder contain?

Answer: ml

11. The headmaster has bought a fish tank for the school that has a length of 1.6m, a breadth of 0.5m and a height of 1m. How many cubic metres of liquid are needed to fill the tank to three quarters of its capacity?

Answer: m³

12. A school trip to Germany covers a total distance of 720km. Using the approximation that 5 miles equals 8 kilometres how many miles is this?

Answer: Miles