QTS Numeracy Mental Arithmetic Test 6 – Questions

1. Four fifths of a year group of two hundred and forty pupils took part in a sponsored walk for charity. How many pupils did not take part?

Answer: ____________ Pupils

2. In a GCSE examination seventy-five per cent of a school’s entry of two hundred pupils gained a grade C or better. How many pupils was this?

Answer: ____________ Pupils

3. Teachers organised activities for three classes of 22 pupils and four classes of 26 pupils. What was the total number of pupils involved?

Answer: ____________ Pupils

4. Eight kilometres is about five miles. On an activity holiday pupils will cycle between two hostels fifty six kilometres apart. About how many miles is this?

Answer: ____________ Miles

5. Pupils spent twenty-five hours in lessons each week. Four and a half hours a week were allocated to mathematics. What percentage of lesson time per week was spent on other subjects?

Answer: ____________ %

6. A parents’ evening was planned to start at 15:30. There were 20 consecutive appointments of 8 minutes each and a break of 25 minutes during the evening. At what time was the parents’ evening due to finish? Give your answer using the 24-hour clock.

Answer: ____________ :
7. A teacher travels from school to a training course. After the course she returns to school. The distance to the training venue is twenty and a half miles and expenses are paid at forty pence per mile. How much will she receive?

Answer: £ .

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

Answer: %

9. All 20 pupils in a class took part in a sponsored spell to raise money for charity. The pupils were expected to get an average of 16 spellings correct each. The average amount of sponsorship was 20 pence for each correct spelling. How many pounds would the class expect to raise for charity?

Answer: £ .

10. The morning session in a school began at 09:15. There were three lessons of 55 minutes each and one break of 25 minutes. At what time did the morning session end? Give your answer using the 24-hour clock.

Answer: : 

11. A teacher took a group of pupils to an aquarium whilst visiting France. The total entrance cost for the group was 320 euros. Taking 1.6 euros as equal to 1 pound, what was the total entrance cost, in pounds, for the group of pupils?

Answer: £ .

12. A school trip was planned at a total cost of £140 per pupil. The accommodation cost two fifths of the total. What was the cost of accommodation per pupil?

Answer: £ .