QTS Numeracy Mental Arithmetic Test 3

1. A school’s policy for Key Stage 2 was to set 2 and a half hours of homework per week. What was the mean number of minutes to be spent on homework per weekday evening?

   Answer: _______ Minutes

2. A school trip was planned at a total cost of £120 per pupil. The accommodation cost two fifths of the total. What was the cost of the accommodation per pupil?

   Answer: £ _______

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

   Answer: _______ %

4. 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: £ _______

5. In a class of 24 pupils, four need additional support. What fraction of the class do not need additional support? Give your answer in its lowest terms.

   Answer: _______

6. What is 783 divided by 0.1?

   Answer: _______
7. 9 out of 25 pupils scored full marks in a test. What percentage of pupils scored full marks?

Answer: 36 %

8. The morning session in a school began at 09:15. There were three lessons of 50 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: 12:15

9. For a science experiment a teacher needed 65 cubic centimetres of vinegar for each pupil. There were 30 pupils in the class. Vinegar comes in 1000 cubic centimetre bottles. How many bottles of vinegar were needed?

Answer: 6 Bottles

10. As part of the numeracy work in a lesson, pupils were asked to stretch a spring to extend its length by 30 per cent. The original length of the spring was 55 centimetres. What should be the length of the extended spring? Give your answer in centimetres.

Answer: 71.5 Cm

11. All 30 pupils in a class took part in a sponsored spell to raise money for charity. The pupils were expected to get an average of 17 spellings correct each. The average amount of sponsorship was 30 pence for each correct spelling. How many pounds would the class expect to raise for charity?

Answer: £ 51

12. Teachers organised activities for three classes of 26 pupils and four classes of 29 pupils. What was the total number of pupils involved?

Answer: 154 Pupils