QTS Numeracy Mental Arithmetic 2

1. In Class A twenty four out of thirty two pupils passed a test. In Class B, eighty five per cent of pupils passed the same test. What was the difference between the two classes in the percentage of pupils passing the test?

Answer: %

2. There are one hundred and forty pupils in a year group. Each has to take home two notices. Paper costs three pence per copy. How much will the notices cost?

Answer: £

3. A teacher gave a talk to four classes each of twenty six pupils and three classes each of twenty eight pupils. How many pupils attended the talk?

Answer: Pupils

4. A school has four hundred and fifty pupils on roll. Ninety percent achieved full attendance. How many pupils were absent on at least one occasion?

Answer: Pupils

5. What is one point three minus zero point nine five? Give your answer as a decimal.

Answer:

6. The entrance fee for an exhibition is three pounds sixty five pence. What will be the total entrance fee for a school party of 50 pupils?

Answer: £
7. In a school there are four classes of twenty five pupils and five classes of twenty eight pupils. How many pupils are there in the school?

Answer: _______ Pupils

8. A class of thirty six pupils sat an end of Key Stage four test. Twenty seven pupils achieved Level three and above. What proportion of the class did not achieve Level 3 and above? Give your answer as a fraction in its lowest terms.

Answer: _______ 

9. A test has forty questions, each worth one mark. If the pass mark is eighty percent, what is the minimum number of questions that must be answered correctly in order to pass the test?

Answer: _______ Marks

10. The entrance fee to a Italian museum is eight euros. The exchange rate is 1.6 euros to the pound. How much was the entrance fee in pounds?

Answer: £ _______

11. A teacher wants to record a film on a three hour video tape which starts at eleven fifty five pm and ends at one thirty five am the following day. How much time will there be left on the tape?

Answer: _______ Hours _______ Minutes

12. Twenty percent of the pupils in a school with four hundred and thirty five pupils have free school meals. How many pupils is this?

Answer: _______ Pupils