

## Ten Minute Mental Maths Test 2

1. The school coach travels 45 miles to the school and then 45 miles back to the depot. How much petrol (in litres) does the coach use on a typical round trip if it uses an average of 8 miles per litre?
2. To obtain an A-grade pupils needed to get 15 or above. The scores were 10, 15, 16, 12, 20, 19, 18, 9, 15, and 14. What percentage of pupils got an A-grade?
3. What is  $0.9 \times 0.5$ ?
4. A school day lasts for seven and a quarter hours. If school starts at 0900 hrs, what time does school finish (using the 24-hour clock)?
5. Out of a year group of 84 pupils, 25 percent achieved key stage 3. How many pupils does this represent?
6. One eighth of pupils at a school receive free school meals. What percentage is this?
7. Twenty of a school's one hundred and thirty pupils are in the school choir. What fraction of pupils are in the school choir?
8. Fifteen pupils paid £9.50 for a school trip to a museum. Each pupil spent an additional £3.25 on average in the museum shop. What was the total amount spent by the fifteen pupils?
9. On an exchange trip to Germany, one pupil gave 5 Euros to his friend to spend, gave 7 Euros to his sister and spent 14 Euros himself. At an exchange rate of 1.25 Euros to the £ how much did he spend (in £)?



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10. In a class of 30 pupils, 12 are boys. What fraction of the class are girls?
11. A school trip to see a play costs £5.50 for the coach travel and £12.75 for the ticket. If a parent wants to allow their two children to each have £2.00 to spend on refreshments, what will the total cost be?
12. On the last day of term school finishes 90 minutes early. If the usual finish time is 15:15 hrs, what time does school finish on the last day of term?
13. A 1.5km school walk is planned. What is this distance in miles (using the conversion 1 km : 0.6 mile)?
14. A small class of pupils achieves the following marks on a test: 14, 16, 18, 19, 20, 15, 20, and 18. What is the mean score?
15. A coffee morning to raise money for the school sells teas for 35p, coffees for 50p and biscuits for 20p. 30 teas, 40 coffees and 50 biscuits are sold. What is the total amount raised?



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