

1. The cost for a school book is £3.75. What will be the total cost for 200 school books?
(Hint: $\times 100$ then double)
2. In a class of 32 students three eighths went on a school trip. How many went on the trip
(Hint: three eighths is one quarter plus half of that)
3. A tanker held 500 gallons of fuel. If one gallon is about 4.5 litres, how many litres did the tanker hold?
(Hint: layout as $1 : 4.5$
then do $500 : ?$)
4. Two-fifths of thirty students did their homework. What percentage did not do their homework?
(Hint: a fifth is a tenth then doubled)
5. A school bus travelled 240 miles. If one mile is $\frac{8}{5}$ th of a kilometre how many kilometres is this?
($5m : 8km$
 $10m : 16km$
 $240m : ?km$)
6. A chemistry teacher bought 500 test tubes. 120 were broken in the first term and 60 in the second term. How many test tubes were left?
7. A maths teacher finished marking books at 20:00. If she took 5 minutes per book and she marked 20 books what time did she start marking?
8. Forty percent of the students in a college of 1200 students were women. How many men were there?
(Hint: 60% of $1200 = 6 \times 120$)
9. What is 0.063 times 1000
10. What is 0.3 divided by $\frac{1}{2}$
(Hint: $0.3/0.5 = \frac{3}{5}$)
11. In a school of 1300 students, 10% played in a music concert. How many did not play?
12. In a school of 840 students, five percent wore brown socks. How many students is this?
(Hint: $5\% = 10\%$ halved)
13. One quarter of a year group of 360 students were boys. How many of the group were girls?
14. A mock GCSE had 60 questions with one mark each. The pass mark was 40%. How many questions do you need to get right to pass.
15. In a test out of 25, the pass mark was 11 marks. What is this as a percentage?
16. A maths teacher marked 20 papers in an hour. If he started at 16:30 what time was it when he had marked 50 papers. Give your answer in terms of the 24 hour clock.