

# MATHEMATICS

Time allowed for this paper: 50 Minutes

Name .....

Date of birth ..... PAPER 5



Answer the following questions in the space provided, showing all necessary working clearly.

If you are unable to do a particular question go onto the next one and return to it later.

Electronic calculators are not allowed in this exam.

Question	Working	Answer
1. What is $25 \div 5 \div 1 \times 8 \div 4$		
2. What is $50 - 42 \div 2 + 16 \times 3$		
3. What is $21 \times 7 + 19 - 31$ $\times 15$		
4. What is $10 \times 4 + 6 - 4 \times 5$		
5. What is $0.8 \times 0.5 + 6$		

Question	Working	Answer
6.  Add $34.5 + 54.8$		
7.  Subtract $86.5 - 8.5$		
8.  Add $3.25 + 7.75$		
9.  Multiply $7 \times 3.5$		
10.  Divide $2090 \div 0.5$		

Question	Working	Answer
11.  Write 2172 as a word		
12.  Round 67 to the nearest 10.		
13.  What is 5.4kg + 700g in grams?		
14. If I roll a dice four times what is the probability that I will get a six on all four rolls?		
15. If I roll a dice three times what is the probability that I will get a three on all three rolls?		

Question	Working	Answer
<p>16. What is 4.71 kilograms in grams?</p>		
<p>17. Number Sequences  4 12 12 36 36 (?)</p>		
<p>18. Number Sequences  87 82 74 69 61 56 (?)</p>		
<p>19. <i>Algebra</i>  <math>A = 4 \ B = 7 \ C = 8 \ D = 10</math>  <i>What is <math>A \times B + C - D</math></i></p>		
<p>20. <i>Algebra</i> <math>A = 14 \ B = 2 \ C = 7 \ D = 3</math>  <i>What is <math>B(C - D) - A</math></i></p>		

Question	Working	Answer
21. What is the square root of 121?		
22 If I am three times older than my sister and she was 5 two years ago how old am I?		
23. I go swimming every day for two weeks. I swim 130 metres each day. By the end of the two weeks how far will I have swam in kilometres?		
24. What is 20% of 2840		
25. If one pound gets 1.5 Euros when it is exchanged, how many Euros will I get for 300 pound?		

Question	Working	Answer
<p>26. After getting home I found I only had £1.68 left. If I had £6.30 in the morning how much had I spent?</p>		
<p>27. If one monkey eats 5 bananas a day how many bananas will I need to feed Six monkeys for a week?</p>		
<p>28. If my watch is 24 minutes fast what time is it really if it says 11.42 when I leave home?</p>		
<p>29. What is the difference in temperature between today and yesterday if today it is 29.4 degrees and yesterday it was 21.3 degrees?</p>		
<p>30. What is 50% of 158</p>		