

MATHEMATICS

Time allowed for this paper: 50 Minutes

Name

Date of birth PAPER 8



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 $13 \times 3 + 8 - 21$		
2. What is $11 \times 7 + 8 - 3 \times 6$		
3. What is 0.5×1.6		
4. What is $30 \div 5 \div 5 \times 6 \div 3$		
5. What is $56 - 19 \times 2 + 13 \times 4$		

Question	Working	Answer
6. Add $3.76 + 34.78$		
7. Multiply 3.1×5		
8. Divide $142 \div 0.5$		
9. Add $12.89 + 9.9$		
10. Subtract $9.8 - 4.3$		

Question	Working	Answer
11. What is 3.7kg + 890g in grams?		
12. If I roll a dice six times what is the probability that I will get a four on all six rolls?		
13. If I give all of my brothers £1.99 each and I have 4 brothers, how much do I give out in total?		
14. Write 3099 as a word		
15. Round 72 to the nearest 10.		

Question	Working	Answer
<p>16.</p> <p>Write $\frac{35}{140}$ in its lowest form.</p>		
<p>17.</p> <p>Algebra</p> <p>A = 28 B = 16 C = 10 D = 7 E = 4</p> <p>What is $E(B - D) + C$</p>		
<p>18.</p> <p>Algebra</p> <p>A = 11 B = 18 C = 42 D = 23 E = 8</p> <p>What is $C - D - E$</p>		
<p>19.</p> <p>Number Sequences</p> <p>84 77 70 63 56 (?)</p>		
<p>20.</p> <p>Number Sequences</p> <p>121 128 125 132 129 136 (?)</p>		

Question	Working	Answer
21. If the one pound gets 1.3 Euro when it is exchanged, how many Euros will I get for 156 pound?		
22. I go swimming every day for four weeks. I swim 150 metres each day. By the end of the two weeks how far will I have swam in kilometres?		
23. If I am two times older than my sister and she was 4 three years ago how old am I?		
24. What is the square root of 64?		
25. What is 40% of 2800		

Question	Working	Answer
<p>26. If my watch is 23 minutes fast what time is it really if it says 06.41 when I leave home?</p>		
<p>27. What is 45% of 450</p>		
<p>28. What is the difference in temperature between today and yesterday if today it is 31.7 degrees and yesterday it was 20.4 degrees?</p>		
<p>29. After getting home I found I only had £5.32 left. If I had £33 in the morning how much had I spent?</p>		
<p>30. If one bird eats 5 grapes a day how many grapes will I need to feed 6 birds for 2 weeks?</p>		