

MATHEMATICS

Time allowed for this paper: 50 Minutes

Name

Date of birth PAPER 6



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 $0.5 \times 0.25 + 8$		
2. What is $24 \div 6 \div 2 \times 6 \div 3$		
3. What is $42 - 28 \div 2 + 56 \times 3$		
4. What is $12 \times 1.5 + 3 - 8$		
5. What is $52 \times 4 + 9 - 5 \times 5$		

Question	Working	Answer
6. Divide $160 \div 2.5$		
7. Add $3.75 + 1.75$		
8. Subtract $68.5 - 4.8$		
9. Add $2.5 + 3.75$		
10. Multiply 100×0.75		

Question	Working	Answer
<p>11.</p> <p>If I roll a dice five times what is the probability that I will get a two on all five rolls?</p>		
<p>12.</p> <p>Write 7561 as a word</p>		
<p>13.</p> <p>Round 74 to the nearest 10.</p>		
<p>14.</p> <p>What is 9.8kg + 450g in grams?</p>		
<p>15.</p> <p>If I give all of my brothers £3.40 each and I have 5 brothers, how much do I give out in total?</p>		

Question	Working	Answer
<p>16.</p> <p>Algebra</p> <p>$A = 8$ $B = 3$ $C = 2$ $D = 6$</p> <p>What is $C \times B \div D - A$</p>		
<p>17.</p> <p>What is 7.97 kilograms in grams?</p>		
<p>18.</p> <p>Number Sequences</p> <p>14 28 18 36 26 52 (?)</p>		
<p>19.</p> <p>Number Sequences</p> <p>53 47 42 38 35 (?)</p>		
<p>20.</p> <p>Algebra</p> <p>$A = 2$ $B = 25$ $C = 41$ $D = 42$ $E = 18$</p> <p>What is $B + A + E - D$</p>		

Question	Working	Answer
21. If I am two times older than my brother and he was 6 two years ago how old am I?		
22. What is the square root of 81?		
23. What is 30% of 270		
24. If the one pound gets 1.2 Euro when it is exchanged, how many Euros will I get for 264 pound?		
25. I go swimming every day for one week. I swim 300 metres each day. By the end of the week how far will I have swam in kilometres?		

Question	Working	Answer
<p>26. What is the difference in temperature between today and yesterday if today it is 31.4 degrees and yesterday it was 25.7 degrees?</p>		
<p>27. After getting home I found I only had £3.12 left. If I had £8.80 in the morning how much had I spent?</p>		
<p>28. If one donkey eats 6 bananas a day how many bananas will I need to feed nine donkeys for a week?</p>		
<p>29. If my watch is 17 minutes fast what time is it really if it says 07.41 when I leave home?</p>		
<p>30. What is 30% of 120</p>		