

MATHEMATICS

Time allowed for this paper: 50 Minutes

Name

Date of birth PAPER 9



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? $9 \times 14 \times 16 \div 9 \times 19$		
2. What is? $112 \div 8 \times 7 \div 14 \times 14$		
3. What is? $56 - 23 \times 6 \times 9 \div 18$		
4. What is? $45 + 89 \times 23 \times 6$		
5. What is? $9 \times 7 \times 21 \div 3 \times 13$		

Question	Working	Answer
6. Multiply 4.6×5.5		
7. Divide $115.9 \div 6.1$		
8. Add $10.46 + 9.9 + 6.8$		
9. Subtract $10.9 - 9.3$		
10. Add $22.1 + 4.456$		

Question	Working	Answer
11. $A = 2$ $B = 4$ $C = 6$ $D = 7$ What is $B \times D + C + A$?		
12. $A = 7$ $B = 9$ $C = 4$ $D = 5$ What is $D \times A + B - C$?		
13. $A = 6$ $B = 15$ $C = 11$ $D = 8$ What is $B - A + C + D$?		
14. $A = 8$ $B = 12$ $C = 7$ $D = 3$ What is $B - A + C - D$?		
15. $A = 9$ $B = 7$ $C = 1$ $D = 5$ What is $B \times A + C + D$?		

Question	Working	Answer
<p>16. Number Sequences</p> <p>10 13 12 16 15 20 (?)</p>		
<p>17.</p> <p>Write $\frac{51}{408}$ in its lowest form.</p>		
<p>18. Number Sequences</p> <p>6 12 9 18 15 30 (?)</p>		
<p>19. Number Sequences</p> <p>1 3 2 6 5 15 (?)</p>		
<p>20. Number Sequences</p> <p>6 18 10 30 22 (?)</p>		

Question	Working	Answer
<p>21. If 35 bricks cost the builder £42.00. How much will the builder have to pay for 61 bricks</p>		
<p>22. If a boy takes 300 steps of 0.8metres in 5 minutes. How far in kilometres will he have walked in 30 minutes?</p>		
<p>23. A cyclist rides 18 miles in 90 minutes. What was his average speed in miles per hour?</p>		
<p>24. A sheet of metal is 3.5 metres long and 1 metre wide. If one square metre weights 70 Kilograms. How much will the whole sheet weigh?</p>		
<p>25. What is 60% of 2800</p>		

Question	Working	Answers
<p>26. If I run for 60 minutes a day at an average speed of 16 miles per hour. How many miles will I have run in four weeks?</p>		
<p>27. What is 45% of 780</p>		
<p>28. If the temperature was 27 degrees on Monday 29 degrees on Tuesday 32 degrees on Wednesday 36 degrees on Thursday. What was the average temperature over the four days?</p>		
<p>29. After getting home I found I only had £8.88 left. If I had £23 in the morning how much had I spent?</p>		
<p>30. If one bird eats 7 grapes a day how many grapes will I need to feed 4 birds for 3 weeks?</p>		

