

MATHEMATICS

Time allowed for this paper: 50 Minutes

Name

Date of birth

PAPER 10



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? $67 \times 7 \times 6 \div 7 \times 13$		
2. What is? $8 \times 13 \times 21 \div 6 \times 9$		
3. What is? $21 \div 7 \times 15 \div 5 \times 12$		
4. What is? $45 - 16 \times 24 \times 12 \div 4$		
5. What is? $43 + 65 \div 4 \times 80 \div 8$		

Question	Working	Answer
6. Add $3.76 + 34.78 + 5.89$		
7. Divide $144 \div 0.5 \div 0.5$		
8. Add $2.345 + 9.9 + 12.02$		
9. Subtract $9.8 - 4.3 - 1.23$		
10. Multiply $3.4 \times 4 \times 2.5$		

Question	Working	Answer
11. A = 3 B = 8 C = 7 D = 6 What is $B - A + C \times D$?		
12. A = 10 B = 8 C = 6 D = 4 What is $B \times A + C - D$?		
13. A = 6 B = 8 C = 10 D = 12 What is $B \times A - C \times D$?		
14. A = 5 B = 7 C = 9 D = 11 What is $B \times A - C + D$?		
15. A = 3 B = 6 C = 9 D = 12 What is $B + A - C \times D$?		

Question	Working	Answer
16. Number Sequences 20 25 21 26 22 (?)		
17. Number Sequences 4 8 5 10 7 14 (?)		
18. Write $\frac{34}{578}$ in its lowest form.		
19. Number Sequences 20 23 22 26 25 30 (?)		
20. Number Sequences 3 6 12 24 30 (?)		

Question	Working	Answer
<p>21. If a man walks 56 metres in 30 seconds. How far in kilometres will he have walked in 30 minutes?</p>		
<p>22. I go swimming every day for six weeks. I swim 300 metres each day. By the end of the six weeks how far will I have swam in kilometres?</p>		
<p>23. If 35 roof tiles cost the builder £34.30 How much will the builder have to pay for 220 roof tiles?</p>		
<p>24. A cyclist rides 25 miles in 75 minutes. What was his average speed in miles per hour?</p>		
<p>25. A motorcyclist rides at 60 miles per hour for 45 minutes. How far will he have travelled?</p>		

Question	Working	Answer
26. If my watch is 56 minutes fast what time is it really if it says 05.42 when I leave home?		
27. Number Sequences 8 24 18 54 48 (?)		
28. What is the difference in temperature between today and yesterday if today it is 42.7 degrees and yesterday it was 30.6 degrees?		
29. If the temperature was 22 degrees on Monday 26 degrees on Tuesday 18 degrees on Wednesday 24 degrees on Thursday. What was the average temperature over the four days?		
30. If one hamster eats 16 seeds a day how many seeds will I need to feed 12 hamsters for 3 weeks?		

