



MATH ANSWER KEY: Ratio and Proportion

- | | |
|--|-------------------------|
| 1. 60 minutes | 9. 270 minutes |
| 2. £102.00 | 10. a) 27, b) 12 |
| 3. 15 | 11. 16 |
| 4. 8 | 12. 24 m |
| 5. 9 days | 13. a) 15, b) 27, c) 16 |
| 6. 98 cm | 14. 12 litres |
| 7. 9 days | 15. 30 m |
| 8. 270g flour,
60g ginger,
165g butter,
45g sugar | |

NVR Answer Key: NVR Series

16. D - 45 degree anti-clockwise rotation.
 17. E
 18. C
 colored arrow to black and white double headed arrow.
 19. D - Dash pattern reflected. Dot moves around oval, 45 degrees each time and goes from white to black.
 20. C
 21. B - One dot added around hexagon.
 22. C - Square taken from top and added to bottom.
 23. A - 45 degree clockwise rotation.
 24. D - Triangle reflected vertically. Line and star added each iteration.
 25. C
 26. C - Line and dot rotating around square clockwise. Square pattern reflected and colour swapped.
 27. A - 2 dots added each time.
 28. C - Top 2 swap round before the shape on the left swaps with the shape on the bottom, maintaining internal pattern of that shape's position.
 29. A - + and - alternate. Everything rotating anti-clockwise 90 degrees.
 30. B - Dot moves down. Shield shapes rotate clockwise 90 degrees.
 31. B - Bars move to opposite top corner. Black dot goes around clockwise 2 corners at a time, White Dot 1 corner at a time.
 32. B
 33. E - Clockwise rotation. Density of dots increases inside box.
 34. B - Clockwise rotation. Arrow thickness iterates. Dot inside changes from white to black.

35. C - 90 degree clockwise rotation.
 36. D - Triangle internal pattern alternates.
 37. D - Colours swap, shape inside stays the same depending on orientation.
 38. D - Shape on top of arrow is doubled. 90 degree rotation on next iteration.
 39. B - Amount of intersections increases by 1.
 40. E - Boxes and vertical lines swap places. Line rotates to corners of box clockwise. 1 horizontal line added each time.
 41. D - Box rotates 45 degrees clockwise. Dot remains as internal arrowhead shape flips.

VR Answer Key: Complete the Calculation

- | | |
|---------|--------|
| 42. -48 | 47. 7 |
| 43. -7 | 48. 2 |
| 44. 6 | 49. 3 |
| 45. 9 | 50. 10 |
| 46. 5 | 51. 5 |

VR Answer Key: Rearrange the words

- | | |
|----------|----------|
| 52. C. p | 63. C. v |
| 53. D. r | 64. C. k |
| 54. C. i | 65. C. t |
| 55. D. c | 66. B. n |
| 56. B. h | 67. B. l |
| 57. C. e | 68. C. a |
| 58. A. s | 69. C. b |
| 59. D. e | 70. D. c |
| 60. C. i | |
| 61. B. l | |
| 62. C. u | |

Comprehension: GPS Comprehension: On the Line

- | | |
|-------|-------|
| 71. D | 77. A |
| 72. C | 78. C |
| 73. A | 79. D |
| 74. D | 80. B |
| 75. D | 81. D |
| 76. A | |

Proofreading:

Spelling

- | | |
|-------------------------|--|
| 82. No mistake | 88. .beech → beach |
| 83. travell → travel | 89. intresting → interesting |
| 84. No mistake | 90. No mistake ("Criticised" is correct UK spelling) |
| 85. sterios → stereos | 91. No mistake |
| 86. No mistake | 92. goverment → government |
| 87. surposed → supposed | 93. 93. symbols → symbols |

Punctuations:

94. Missing comma (introductory clause)
 95. E - None
 96. Unnecessary comma
 97. Unnecessary capitalization
 98. Unnecessary capitalization
 99. Incorrect apostrophe
 100. Missing comma (appositive)
 101. Missing comma (dialogue tag)
 102. Missing comma (introductory adverb)
 103. Run-on sentence
 104. Incorrect semicolon
 105. Missing apostrophe (contraction)
 106. Missing comma (non-essential clause)
 107. No mistake
 108. Missing apostrophe (possessive)
 109. Missing apostrophe (possessive)
 110. Missing apostrophe (contraction)
 111. Missing comma (conjunctive adverb)
 112. Missing comma (non-essential clause)

Choose the best word:

- | | |
|----------------------|---------------|
| 113. D) a | 119. C) took |
| 114. A) least | 120. A) their |
| 115. B) because | 121. D) is it |
| 116. E) had finished | |
| 117. C) of | |
| 118. B) daring | |



MATH ANSWER KEY: Extra Maths Work

- 122. 1237
- 123. 171 900
- 124. 0.35
- 125. $\frac{3}{4}$
- 126. 5.9
- 127. 53/20
- 128. 10.8
- 129. 51
- 130. 105
- 131. £50
- 132. 144 cm²
- 133. 30 p
- 134. 130 g
- 135. 129
- 136. February 13th
- 137. 6/25
- 138. 16 hours
- 139. 12 PM
- 140. $\frac{1}{4} + \frac{1}{6} + \frac{1}{12}$
- 141. 8

Extra Questions – NVR Series

- 156. A
- 157. B
- 158. E
- 159. C
- 160. E
- 161. B
- 162. A

Extra Questions – VR Complete Calculation

- 163. b) 10
- 164. a) 5
- 165. b) 2
- 166. c) 7
- 167. b) 20
- 168. b) 7
- 169. a) 4
- 170. b) 10
- 171. c) 15
- 172. b) 6
- 173. a) 10
- 174. a) 3
- 175. a) 20
- 176. c) 50

Extract 18: Chapter X - The terrible secret

- 142. C) Children
- 143. C) Plain like print but prettier
- 144. A) She brought her tea.
- 145. C) They didn't want to hurt Mother
- 146. C) It would remind her of the sorrow she and Father had.
- 147. C) The children forgetting about their Father
- 148. C) Them quarreling less
- 149. D) She wondered if the trouble would ever end.
- 150. A) She read them stories
- 151. D) Countryside.
- 152. A) Angrily or annoyingly
- 153. B) Disheveled
- 154. A) Preposition
- 155. B) Adverb

Rearrange the Words

- | | |
|-----------|-----------|
| 177. C) s | 188. D) t |
| 178. D) s | 189. A) b |
| 179. D) i | 190. B) h |
| 180. D) e | 191. D) b |
| 181. B) t | |
| 182. A) a | |
| 183. A) s | |
| 184. D) i | |
| 185. A) g | |
| 186. D) u | |
| 187. A) p | |