

SUMMER SCHOOL 12 ANSWER KEY

COMPREHENSION

1. C
2. D
3. A
4. B
5. A
6. D
7. B
8. D
9. C
10. B
11. C
12. C
13. C

SPELLING

14. D tournament
15. A received
16. B pursued
17. B permission
18. E none
19. D compulsory
20. D playful

21. B climbing
22. A Consistent
23. B recommendation
24. B thoroughly
25. A leopards
26. E none
27. A handkerchief
28. C agree
29. E none
30. A temporarily

BEST WORD

31. every
32. into
33. more quickly
34. strengths
35. must
36. once
37. which
38. C once-in-a-lifetime
39. could have
40. sat
41. if
42. on
43. wondered

44. smiled

45. them

PUNCTUATION

46. B

47. A

48. E

49. B

50. D

51. D

52. D

53. C

54. C

55. C

56. C

57. A

58. E

59. E

60. C

61. B

VERBAL REASONING

62. s

63. e

64. Irritate, Incoherent

65. Superfluous, Hollow

66. drawing

67. trust

68. word

69. goat

70. akin

71. par

72. ton

73. cata

74. men

75. D

76. B

77. D

78. A

79. TB

80. MI

81. N

82. S

83. T

84. R

85. limb

86. pine

SPEED DISTANCE AND TIME

87. B

Formula: Speed = Distance / Time.
Calculation: 120 miles / 3

hours = 40 mph.

88. C

Formula: Distance = Speed $\times$ Time.

Calculation: $70 \text{ km/h} \times 7$

hours = 490 km.

89. B

Formula: Time = Distance / Speed.

Calculation: $300 \text{ metres} / 4$

m/s = 75 seconds.

90. C

First, convert time: 2 hours 30 minutes = 2.5 hours. Formula:

Speed = Distance / Time.

Calculation: $240 \text{ miles} / 2.5 \text{ hours} =$

96 mph.

91. C

First, convert time: 30 minutes = 0.5 hours. Formula: Speed =

Distance / Time. Calculation: $8 \text{ km} / 0.5 \text{ hours} = 16 \text{ km/h}$.

92. C

First, find the time taken: Time = Distance / Speed $\rightarrow 75$

miles / 30 mph = 2.5 hours (2 hours 30 minutes). Then, add to

start time: 11:50 am + 2h 30m = 2:20 pm.

93. C

Formula: Distance = Speed $\times$ Time.

Calculation: $25.5 \text{ mph} \times 4$

hours = 102 miles.

94. C

Formula: Time = Distance / Speed.

Calculation: $3300 \text{ km} / 550$

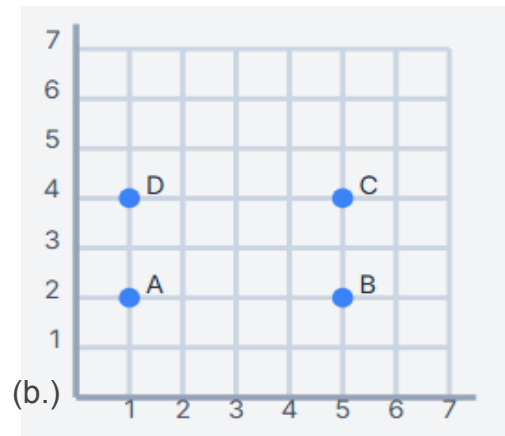
km/h = 6 hours.

COORDINATES AND TRANSFORMATIONS

95. C. A(1, 3), B(5, 1), C(3, 5), D(1, 0), E(2, 2), F(5, 6), G(0, 4), H(4, 3)

96. C

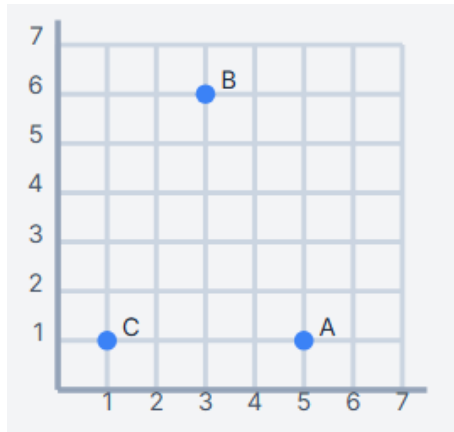
97.



(a.) D = (1, 4)

(a.) $C = (1,1)$

98.



116. E

117. A

118. D

119. B

120. E

121. C

122. D

123. C

99. Parallelogram

100. A

101. B

102. B

103. A

104. B

105. A

106. A

107. C

EXTRA QUESTIONS

NETS AND CUBES

124. C

125. E

126. B

127. E

128. A

129. A

130. C

131. E

132. B

133. B

INSERT A LETTER

134. (T) -> Boat, Table | Cost, Tree

135. (S) -> Glass, Sand | Press, Suit

136. (E) -> Lake, End | Make, Egg

137. (D) -> Find, Door | Card, Desk

138. (L) -> Ball, Lamp | Fall, Leaf

139. (M) -> Farm, Man | Slam, Mop

140. (N) -> Plan, Nest | Rain, Nose

141. (G) -> Dog, Goat | Leg, Game

142. (P) -> Keep, Park | Camp, Pen

143. (R) -> Gear, Road | Fair, Ring

NET AND CUBES

108. A

109. B

110. C

111. D

112. B

113. A

114. C

115. C

FIND THE ODD 2 OUT

144. Robin, Ant (The rest are mammals.)

145. Pencil, Ruler (The rest are items of furniture.)

146. Carrot, Broccoli (The rest are fruits.)

147. Aeroplane, Boat (The rest are forms of land transport.)

148. Run, Eat (The rest are verbs related to speaking.)

149. France, Japan (The rest are continents.)

150. Cube, Sphere (The rest are 2D shapes.)

151. Angry, Tall (The rest are words for being happy. 'Angry' is a different feeling and 'Tall' is a size.)

152. Music, Painting (The rest are core academic subjects.)

153. Hand, Foot (The rest are parts of the head/face.)