

Y4 Homework 30 Answer Key

Section 1 – Comprehension (Q1–23)

1. B
2. D
3. B
4. C
5. B
6. D
7. C
8. C
9. D
10. C
11. B
12. C
13. C
14. B
15. D
16. C
17. B
18. D
19. C
20. C
21. D
22. C
23. C

Section 2 – Punctuation (Q24–31)

24. B
25. E
26. A
27. C
28. E
29. E
30. B
31. C

Section 3 – Spelling (Q32–40)

32. E
33. A (“comunity” → community)
34. C (“sunflours” → sunflowers)
35. B (“enugh” → enough)
36. C (“lables” → labels)
37. C (“imaginne” → imagine)
38. C (“becuase” → because)
39. B (“releived” → relieved)
40. D (“deliciuos” → delicious)

Section 4 – Grammar & Vocabulary Cloze (Q41–49)

41. B
42. B
43. A
44. A
45. D
46. B

47. A
48. B
49. C

Math Section

50. D
51. C
52. B
53. D
54. B
55. D
56. D
57. D
58. C
59. C
60. C
61. C
62. D
63. D
64. D
65. D
66. D
67. D
68. D
69. B
70. C
71. D
72. C
73. C
74. D

75. B
76. D
77. E
78. D
79. D
80. C
81. C
82. C
83. B
84. D
85. E
86. D
87. C
88. E
89. C

52. Subtract 457 from 800. $800 - 400 = 400$. Then $400 - 57 = 343$. Answer: B.
53. Multiply 26×4 . $20 \times 4 = 80$ and $6 \times 4 = 24$. $80 + 24 = 104$. Answer: D.
54. Divide 96 by 5. $5 \times 19 = 95$ and $5 \times 20 = 100$ (too big). So 5 goes into 96 exactly 19 times with 1 left over. That is 19 r 1. Answer: B.
55. To round 368 to the nearest 10, look at the ones digit (8). Because 8 is 5 or more, we round the tens digit up from 6 to 7. The rounded number is 370. Answer: D.
56. There are 7 packets, each with 9 biscuits. $7 \times 9 = 63$. Answer: D.
57. The pattern is increasing by 5 each time: 5, 10, 15, 20. Add 5 to 20 to get 25. Answer: D.
58. One third means divide by 3. $27 \div 3 = 9$. Answer: C.
59. Convert to decimals or compare. $1/4 = 0.25$, $1/3 \approx 0.33$, $2/5 = 0.4$, $3/8 = 0.375$, $2/6 = 1/3 \approx 0.33$. The largest value is 0.4, which is $2/5$. Answer: C.
60. From 18:15 to 18:45 is 30 minutes. Answer: C.
61. Add £4.75 and £3.20. First add the pounds: $4 + 3 = 7$. Then add the

pence: $75p + 20p = 95p$. So the total is £7.95. Answer: C.

62. Add the books: Anna 5 + Ben 9 + Chloe 7 + Dylan 4. $5 + 9 = 14$, $14 + 7 = 21$, $21 + 4 = 25$. Answer: D.
63. A and B have the same x-coordinate (3), so they are straight above each other. The y-coordinates are 2 and 7. $7 - 2 = 5$, so they are 5 units apart. Answer: D.
64. Perimeter is the distance all the way around. For a rectangle, perimeter = $2 \times (\text{length} + \text{width})$. Here length = 8 cm and width = 5 cm. $8 + 5 = 13$, and $2 \times 13 = 26$ cm. Answer: D.
65. The area of a rectangle is length $\times$ width. $9 \times 4 = 36 \text{ cm}^2$. Answer: D.
66. 4 metres = 400 cm. Add the extra 20 cm to get $400 + 20 = 420$ cm. Answer: D.
67. From 13:20 to 14:20 is 1 hour. From 14:20 to 14:55 is 35 minutes. So the match lasts 1 hour 35 minutes. Answer: D.
68. An obtuse angle is greater than 90° but less than 180° . 110° is the only angle in this range. Answer: D.
69. $1/2$ means half. $2/4$ is also half because 2 is half of 4. None of the

Worked Solutions

50. In 6 482, the 6 is in the thousands place. That means it stands for 6 000. The other options are different place values (ones, tens, hundreds, ten-thousands). Answer: D.
51. Add 347 and 285. $7 + 5 = 12$, write 2 and carry 1. $4 + 8 + 1 = 13$, write 3 and carry 1. $3 + 2 + 1 = 6$. So the total is 632. Answer: C.

other fractions simplify to $\frac{1}{2}$.

Answer: B.

70. When adding fractions with the same denominator, keep the denominator and add the numerators. $\frac{2}{10} + \frac{5}{10} = \frac{7}{10}$. Answer: C.
71. 3 minutes = $3 \times 60 = 180$ seconds. Add 15 seconds: $180 + 15 = 195$ seconds. Answer: D.
72. Add the numbers: $4 + 6 + 8 + 10 = 28$. There are 4 numbers. $28 \div 4 = 7$. Answer: C.
73. Each sticker costs 65p. For 3 stickers, $3 \times 65\text{p} = 195\text{p}$. £5 is 500p. Change = $500\text{p} - 195\text{p} = 305\text{p} = \text{£}3.05$. Answer: C.
74. A hexagon has 6 sides. Triangle has 3, square 4, pentagon 5, octagon 8. Answer: D.
75. A rectangle has two lines of symmetry (one through the midpoints of the top and bottom, and one through the midpoints of the left and right). A scalene triangle has none, an equilateral triangle has three, a square has four and a circle has many. Answer: B.
76. Starting at P(4,5), moving 3 squares to the right adds 3 to the

x-coordinate: $4 + 3 = 7$. Moving 2 squares up adds 2 to the y-coordinate: $5 + 2 = 7$. The new coordinates are (7,7). Answer: D.

77. Work out or estimate each result:

$$250 + 180 = 430$$

$$600 - 195 = 405$$

$$25 \times 12 = 300$$

$$400 \div 2 = 200$$

$$50 \times 9 = 450$$

The largest number is 450 from 50×9 . Answer: E.

78. The big rectangle is 10 cm by 8 cm.

Cutting out a 4 cm by 3 cm rectangle from the top-right corner creates an L-shape. Trace the outside:

Along the bottom: 10 cm

Up the right side to the cut-out: 5 cm ($8 - 3$)

Left along the bottom of the cut-out: 4 cm

Up the side of the cut-out: 3 cm

Left along the top: 6 cm ($10 - 4$)

Down the left side: 8 cm

Add them: $10 + 5 + 4 + 3 + 6 + 8 = 36$ cm. Answer: D.

79. Ben shares 36 biscuits equally onto 4 plates. $36 \div 4 = 9$. So there are 9 biscuits on each plate. Answer: D.

80. The printer prints 12 pages each minute. In 5 minutes it prints $5 \times 12 = 60$ pages. Answer: C.

81. Let the number be x. Lily multiplies it by 3 and subtracts 5: $3x - 5 = 16$. Add 5 to both sides: $3x = 21$. Divide by 3: $x = 7$. Answer: C.

82. Tag has 8 pupils and skipping has 4 pupils. The difference is $8 - 4 = 4$ pupils. Answer: C.

83. Points on the x-axis have y-coordinate 0. Among the points, B(3,0) is the only one with $y = 0$. Answer: B.

84. A cube has 12 edges (4 around the top face, 4 around the bottom face, and 4 vertical edges joining them). Answer: D.

85. The journey from City X to City Z runs from 11:15 to 13:00. From 11:15 to 12:15 is 1 hour, and 12:15 to 13:00 is 45 minutes. Total time is 1 hour 45 minutes. Answer: E.

86. The mean of 4, 8, 10 and x is 8. That means their total is $8 \times 4 = 32$. The sum of the known numbers is $4 + 8 + 10 = 22$. So $x = 32 - 22 = 10$. Answer: D.

87. 1 litre is 1 000 ml. Each bottle holds 250 ml. $1\,000 \div 250 = 4$, so 4 full bottles are needed. Answer: C.

88. $\frac{1}{4}$ of 28 children walk to school.
 $28 \div 4 = 7$ children. The number
who do not walk is $28 - 7 = 21$.
Answer: E.

89. In 3.47, the 4 is in the tenths place.
Its value is 0.4 (four tenths), not 4
or 0.04. Answer: C.

Verbal Reasoning Section

ANSWER KEY WITH EXPLANATIONS (90–104)

Section 1

90. B – club all

Hidden word: **BALL**

Join the words: “club all” → **cluB ALL**.

The last letter of “club” and the first three
letters of “all” form **b + all = ball**.

No other adjacent pair in the sentence
hides a common four-letter word.

91. C – class and

Hidden word: **SAND**

Join the words: “class and” → **clasS AND**.

The last letter of “class” and the first
three letters of “and” form **s + and =**

sand.

The other pairs (e.g. “quiz class”, “and
teacher”) do not hide a real four-letter
word across the join.

92. begin and finish

- **begin** means to start something.
- **finish** means to end something.
They are direct opposites.
“Borrow/mend/share” and
“mend/share” do not form
opposite pairs with the other
words.

93. rare and common

- **rare** means not often found.
- **common** means found often.
They are opposite in meaning.
“Careful” is not opposite to
“sharp” or “modern”, and
“friendly” has no opposite in the
second group.

94. accept and refuse

- **accept** means to say yes or agree
to something.
- **refuse** means to say no or not
accept.
They are opposites.
“Support/drop” and “teach/shout”
are not opposite pairs.

Section 2

95. B – letter k

pack = **king**

kiosk = **kick**

No other letter from the options makes
two real English words for both patterns
at the same time.

96. C – letter g

ring = **gene**

chug = **glare**

97. C – HI

AB → DE:

- A to D: move **forward 3 letters**.
- B to E: move **forward 3 letters**.

Apply the same to EF:

- $E + 3 \rightarrow H$
- $F + 3 \rightarrow I$

So the answer is **HI**.

98. B – CD

BE $\rightarrow$ YZ:

- B to Y: move **back 3 letter**.
- E to Z: move **back 5 letter**.

Apply the same to FH:

- $F - 3 \rightarrow C$
- $H - 5 \rightarrow D$

So the answer is C.

99. D – PL

HK $\rightarrow$ JG:

- H to J: move **forward 2 letters**.
- K to G: move **forward 4 letters**.

Apply the same to NP:

- $N + 2 \rightarrow P$
- $P + 4 \rightarrow L$

So the answer is **PL**.

Section 3

100. A – 1

Left-hand side:

$$3 \times 4 + 2 = 12 + 2 = 14$$

Right-hand side:

$$5 \times 3 - [?] = 15 - [?]$$

We need $15 - [?] = 14$

So $[?] = 1$.

101. D – 4

Left-hand side:

$$8 \times 2 - 3 = 16 - 3 = 13$$

Right-hand side:

$$9 + [?]$$

We need $9 + [?] = 13$

So $[?] = 4$.

102. D – mine

103. C – lest

104. A – area

NVR Series

105. E

106. C

107. E

108. E

109. D

Analogy

110. A

111. C

112. D

113. B

114. A

Matrices

115. D

116. B

117. B

118. C

119. D

120. B

121. B