Comprehension: **The Jungle Book**

Answer Key:

1. **B**
2. **C**
3. **B**
4. **B**
5. **C**
6. **B**
7. **B**
8. **C**
9. **B**

English Section Two – Part A

Model Answers

1.

In "The Charge of the Light Brigade," Alfred, Lord Tennyson portrays the soldiers as epitomes of bravery and duty. Despite knowing that a mistake has been made ("Someone had blundered"), the soldiers do not hesitate or question their orders. Instead, they accept their fate with courage ("Theirs not to make reply, Theirs not to reason why, Theirs but to do and die"). The repetition of "Rode the six hundred" emphasizes their unity and collective bravery as they charge into immense danger. Surrounded by enemy fire ("Cannon to right of them, Cannon to left of them"), they advance boldly into the "valley of Death," showing their dedication and willingness to sacrifice themselves for their duty. Tennyson honors their heroism by highlighting their fearless commitment in the face of certain peril.

2.

(a) The quotation “Theirs not to reason why, Theirs but to do and die.” means that the soldiers' role is not to question their orders or the reasons behind them but to carry out their duties, even if it leads to their deaths. It emphasizes their discipline and obedience, highlighting the expectation that soldiers must follow commands without hesitation, showcasing their ultimate sacrifice.

(b) The quotation “Into the jaws of Death, Into the mouth of hell” uses powerful metaphors to describe the extreme danger the soldiers are facing. "Jaws of Death" and "mouth of hell" personify death and hell as entities ready to consume the soldiers. This imagery conveys the deadly environment of the battlefield and underscores the bravery required to charge into such perilous circumstances.

English Section Two – Part B

Sample Answer

Last weekend, my friend Emma invited me to join her family's hiking trip up Blue Mountain. I've never been much of an outdoor person—preferring video games and books over nature trails—but I decided to give it a try.

As we started the hike, I felt a mix of excitement and nervousness. The trail was steep and winding, surrounded by towering trees and the sounds of chirping birds. At first, I struggled to keep up, my legs aching and lungs burning. Emma noticed and offered words of encouragement, which pushed me to keep going.

Reaching the summit was an incredible feeling. The view was breathtaking: a panoramic scene of forests stretching out to the horizon, dotted with lakes that shimmered under the sunlight. Standing there, a sense of accomplishment and peace washed over me. I realized how rewarding it was to step out of my comfort zone.

Since that day, I've developed a newfound appreciation for nature and physical activity. I've started going on regular hikes with Emma and even joined the school's outdoor club. Trying something new taught me that amazing experiences often await just beyond our usual routines.

Maths Answer Key

Answer 1:

Sophie has 3/4 of a cake.

She gives away:

$1/3 \times 3/4 = 1/4$

Amount left:

3/4 - 1/4 = 2/4 = 1/2

Answer: Sophie has 1/2 of the cake left.

Answer 2:

Convert fractions to decimals:

- A) 2/5 = 0.4
- B) 1/2 = 0.5
- C) 7/15 ≈ 0.4667 ✓
- D) 3/7 ≈ 0.4286

Since 0.45 < 0.4667 < 0.5

Answer: C) 7/15

Answer 3:

Calculate 360,000 divided by 60 squared.

60 squared = 60 × 60 = 3,600

Then divide:

360,000 ÷ 3,600 = 100

Answer: 100

Answer 4:

Numbers divisible by both 3 and 4 are multiples of 12.

Number of multiples of 12 up to 120:

120 ÷ 12 = 10

Answer: 10 numbers

Answer 5:

Mean of the three numbers:

14 × 3 = 42

Range:

Largest number - 11 = 6
Largest number = 11 + 6 = 17

Middle number:

42 - 11 - 17 = 14

Product:

11 × 14 × 17 = 2,618

Answer: The product is 2,618.

Answer 6:

Total people surveyed: 80

People who like at least one:

50 + 35 - 15 = 70

People who like neither:

80 - 70 = 10

Answer: 10 people like neither tea nor coffee.

Answer 7:

Cost per kg:

£9 ÷ 6 kg = £1.50 per kg

Cost for 10 kg:

10 kg × £1.50 per kg = £15

Answer: £15

Answer 8:

Let width = w cm
Length = w + 5 cm

Area:

$w \times (w + 5) = 50$
$w^2 + 5w - 50 = 0$

Solve the quadratic equation:

$w = [-5 \pm \sqrt{(25 + 200)}] / 2$
$w = [-5 \pm \sqrt{225}] / 2$
$w = [-5 \pm 15] / 2$

Positive root:

$w = (10) / 2 = 5$ cm

Length:

5 cm + 5 cm = 10 cm

Perimeter:

2 × (5 cm + 10 cm) = 30 cm

Answer: The perimeter is 30 cm.

Answer 9:

Alex has £90.

Spent on books:

1/5 × £90 = £18

Remaining:

£90 - £18 = £72

Spent on clothes:

1/3 × £72 = £24

Money left:

£72 - £24 = £48

Answer: Alex has £48 left.

Answer 10:

Plotting the points forms a rectangle.

Answer: They form a rectangle.

Answer 11:

Sum of digits must be divisible by 9.

Digits: 2, 3, 4, 9

Sum:

2 + 3 + 4 + 9 = 18 (which is divisible by 9)

Arrange digits for the smallest number:

2,3,4,9 ⇒ 2,349

Answer: 2,349

Answer 12:

Differences between terms:

5 - 2 = 3
10 - 5 = 5
17 - 10 = 7
26 - 17 = 9

Pattern: Differences increase by 2.

Next difference:

9 + 2 = 11

Next number:

26 + 11 = 37

Answer: 37

Answer 13:

Total parts:

2 + 3 = 5

Each part represents:

30 white beads ÷ 3 = 10 beads per part

Total beads:

5 × 10 = 50 beads

Answer: There are 50 beads in total.

Answer 14:

Time = Distance ÷ Speed

Time = 180 km ÷ 90 km/h = 2 hours

Answer: The journey takes 2 hours.

Answer 15:

Express 3/4 as the sum of two unit fractions:

3/4 = 1/2 + 1/4

Answer: 3/4 = 1/2 + 1/4

Answer 16:

Days needed:

210 pages ÷ 15 pages/day = 14 days

Starting on Friday:

14 days later is a Thursday.

Answer: She will finish on Thursday.

Answer 17:

Total parts:

4 + 5 = 9

Each part represents:

45 tiles ÷ 9 = 5 tiles per part

Number of blue tiles:

4 × 5 = 20 blue tiles

Answer: There are 20 blue tiles.

Answer 18:

Total parts:

2 + 3 + 5 = 10

Smallest total number:

10 flowers

Answer: The smallest total number is 10 flowers.

Answer 19:

Total pence:

£18 = 1,800 pence

Number of markers:

1,800 pence ÷ 60p = 30 markers

Answer: You can buy 30 markers.

Answer 20:

70 × 7 = 490

Answer: 70 × 7 = 490

Answer 21:

The number is 69 (reads the same upside down).

Answer: 69

Answer 22:

Letter weights:

C = 3 kg
U = 21 kg
B = 2 kg
E = 5 kg

Total weight:

3 kg + 21 kg + 2 kg + 5 kg = 31 kg

Answer: The total weight is 31 kg.

Answer 23:

Total percentages:

25% + 35% + 20% = 80%

Art percentage:

100% - 80% = 20%

Angle:

20% × 360° = 72°

Answer: Art represents 20% and corresponds to 72°.

Answer 24:

Leaves lost:

25% of 800 = 200

Leaves remaining:

800 - 200 = 600

Answer: 600 leaves are left.

Answer 25:

Let input = x

3x + 5 = 26
3x = 21
x = 7

Answer: The input was 7.

Answer 26:

Students studying at least one language:

60 + 80 - 30 = 110

Students studying neither:

150 - 110 = 40

Answer: 40 students study neither French nor Spanish.

Answer 27:

Rounded length:

13.7 meters ≈ 14 meters

Length of each piece:

14 meters ÷ 5 = 2.8 meters

Answer: Each piece is 2.8 meters long.

Answer 28:

Perimeter:

7 + 2 + 3 + 2 + 3 + 7 + 2 = 26 cm

Area:

(7 cm × 2 cm) + (2 cm × 3 cm) = 14 cm^2 + 6 cm^2 = 20 cm^2

Answer: Perimeter is 26 cm, Area is 20 cm^2

Answer 29:

Surface area:

Circumference × Height = 15 cm × 10 cm = 150 cm^2

Answer: The surface area is 150 cm^2.

Answer 30:

Perimeter of one hexagon:

6 sides × 4 cm = 24 cm

Shared sides when joined:

2 sides × 4 cm = 8 cm

Total perimeter:

(3 × 24 cm) - 8 cm = 72 cm - 8 cm = 64 cm

Answer: The perimeter is 64 cm.

Answer 31:

Let the width be w meters.

Length = 2w meters.

Perimeter = 2(length + width) = 180 meters

So:

2(2w + w) = 180

2(3w) = 180

6w = 180

w = 30 meters

Length = 2w = 60 meters

Area = length × width = 60 meters × 30 meters = **1,800 square meters**

Answer 32:

Simplify the expression:

3(2x - 4) - 2(x - 5)

First, expand the brackets:

3 × 2x = 6x

$3 \times (-4) = -12$

$-2 \times x = -2x$

$-2 \times (-5) = +10$

Combine like terms:

$6x - 12 - 2x + 10$

Simplify:

$(6x - 2x) + (-12 + 10) = 4x - 2$

Answer: $4x - 2$

Answer 33:

Let the number be n.

Given:

$(2/3) \times n = 84$

Solve for n:

$n = 84 \times (3/2)$

$n = 126$

Find (5/6) of n:

$(5/6) \times 126 = 105$

Answer: 105

Answer 34:

Original price: £150

Discount: 20% of £150 = 0.20 × £150 = £30

Sale price: £150 - £30 = £120

Answer: £120

Answer 35:

Solve:

$(x + 5)/3 = (2x - 1)/5$

Cross-multiply:

$5(x + 5) = 3(2x - 1)$

$5x + 25 = 6x - 3$

Subtract 5x from both sides:

$25 = x - 3$

Add 3 to both sides:

$25 + 3 = x$

$x = 28$

Answer: $x = 28$

Answer 36:

First part:

Distance = Speed × Time = 60 km/h × 2 hours = 120 km

Second part:

Distance = 80 km/h × 1.5 hours = 120 km

Total distance:

120 km + 120 km = **240 km**

Answer 37:

Total parts of ratio: 3 + 5 = 8

Each part represents:

40 students ÷ 8 = 5 students per part

Number of boys:

3 parts × 5 students = 15 boys

Number of girls:

5 parts × 5 students = 25 girls

Difference:

25 girls - 15 boys = **10 more girls**

Answer 38:

A regular octagon has 8 sides.

Sum of interior angles:

(n - 2) × 180° = (8 - 2) × 180° = 6 × 180° = 1,080°

Each interior angle:

1,080° ÷ 8 = **135°**

Answer 39:

Given:

$y = 3x + 2$

$y = 11$

Substitute y:

$11 = 3x + 2$

Subtract 2 from both sides:

$11 - 2 = 3x$

$9 = 3x$

Divide both sides by 3:

$x = 3$

Answer: $x = 3$

Answer 40:

Let the numbers be n, $n + 2$, $n + 4$

Sum:

$n + (n + 2) + (n + 4) = 48$

Simplify:

$3n + 6 = 48$

Subtract 6 from both sides:

$3n = 42$

Divide by 3:

$n = 14$

Numbers are:

14, 16, 18

Answer: The numbers are 14, 16, and 18