



BROAD HORIZON
— T U I T I O N —

11+ Tuition

Year 4

Week 32

Lesson

ANSWERS

Exercise C

1. inwardly
2. inoffensive
3. regain
4. hideous
5. accurate
6. possess
7. distract
8. pitiful
9. usher
10. intersect

TYPE TWENTY-THREE:

2

Arthur

2

Arthur and Daisy

Daisy

E

1

F

2

E

Shuffled Sentences Page 26

Test 2

1. my mother liked her flowers
grow
2. the mother bear defended her cubs
attack
3. tonight's meal was healthy and delicious
ill
4. the post is delivered daily
send
5. it was the final performance of the play
present
6. I can't play because I haven't done my home-
work
school
7. my mother was angry as I hadn't made my
bed
sheet
8. I'd like you to meet my friend
hello
9. the fireman reacted quickly after the explo-
sion
hose
10. it is obvious that winter is coming
warm

Test 13 — Pages 32-33

1. m

The new words are 'foam', 'more', 'dim' and 'mix'.

2. e

The new words are 'hope', 'ewe', 'pale' and 'ego'.

3. l

The new words are 'tall', 'late', 'owl' and 'leg'.

4. b

The new words are 'cab', 'back', 'web' and 'bite'.

5. ZY

Each letter in the pair moves back 5 letters each time.

6. XH

The first letter in the pair moves forward 1 letter each time. The second letter in the pair moves back 3 letters each time.

7. HX

The first letter in the pair moves back 4 letters then forward 3 letters alternately. The second letter in the pair moves forward 2 letters then back 3 letters alternately.

8. TJ

The first letter in the pair moves back 1 letter each time. The second letter moves in the sequence -4, -3, -2, -1, 0.

9. rent

Rearrange letters 2, 3, 4 and 5 in the order 5, 2, 3, 4.

10. well

Remove letters 1 and 6.

11. lived

Rearrange the letters in the order 5, 4, 3, 2, 1.

12. raw

Rearrange letters 1, 2 and 4 in the order 4, 2, 1.

13. mug glass

They are drinking containers that can be used for tea and juice.

14. wool leather

They are materials that can be used to make cardigans and shoes.

15. money medicine

They are things that can be accessed at a bank and a pharmacy.

16. grin frown

They are facial expressions associated with feeling excited and worried.

Test 14 — Pages 34-35

1. sun

Take letters 1 and 2 from the first word, followed by letter 1 from the second word.

2. bow

Take letters 2 and 3 from the first word, followed by letter 3 from the second word.

3. man

Take letter 3 from the first word, followed by letter 2 from the second word, and then letter 1 from the first word.

4. tea

Take letter 4 from the first word, followed by letter 1 from the second word, and then letter 3 from the first word.

5. D

$2 + 15 = 17, D = 17$

6. D

$2 \times 9 + 5 - 12 = 11, D = 11$

7. A

$24 + 3 - 6 = 2, A = 2$

8. E

$8 \times 2 + 9 = 25, E = 25$

9. 30

Add 5 each time.

10. 50

The number added decreases by 1 each time:
 $+5, +4, +3, +2, +1$.

11. 38

The numbers follow the sequence $+6, +4, +6, +4, +6$.

12. 1

There are two sequences which alternate. In the first sequence, subtract 4 each time. In the second sequence, add 3 each time.

13. WV

Each letter in the pair moves forward 4 letters.

14. PJ

The first letter in the pair moves back 2 letters. The second letter moves back 3 letters.

15. OM

HE and SV are mirror pairs, where the two letters are an equal distance from the centre of the alphabet. The answer will be the mirror pairs for L and N, which are O and M.

16. TY

The first letter in the pair moves back 1 letter. The second letter moves forward 5 letters.

Test 15 — Pages 37-39

1. t

The new words are 'lift', 'tin', 'foot' and 'till'.

2. d

The new words are 'dad', 'deer', 'sand' and 'dew'.

3. g

The new words are 'jog', 'give', 'drag' and 'gone'.

4. f

The new words are 'off', 'far', 'reef' and 'fill'.

5. grain

'grain' can mean 'a plant grown for food' or 'a tiny amount of something'.

6. cast

'cast' can mean 'to throw something through the air' or 'the people who play characters in a performance'.

7. utter

'utter' can mean 'to talk' or 'complete'.

8. stuff

'stuff' can mean 'to cram' or 'items or belongings'.

9. c

The new words are 'sale' and 'chair'.

10. p

The new words are 'male' and 'price'.

11. n

The new words are 'moth' and 'bend'.

12. e

The new words are 'fat' and 'speed'.

13. C

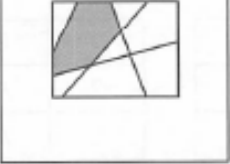
Each child can only try up to three activities. Briony tries the space rations, watches a video about asteroids and tries on an astronaut suit. Therefore, she cannot have also built a model space shuttle.


14. B

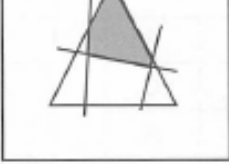
Lian runs slower than Martin. As Gemma runs faster than Martin, she cannot run slower than Lian.


Answers – Hidden shapes pp.26-29


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

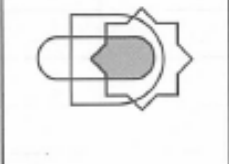
1 B 


2 A 


3 D 

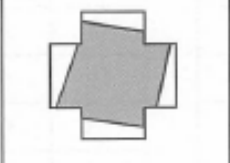
4 C 


5 C 


6 A 


7 A 


8 B 

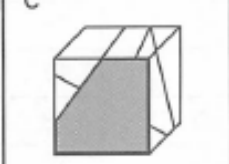
9 D 


10 C 


11 C 


12 B 


13 A 


14 C 

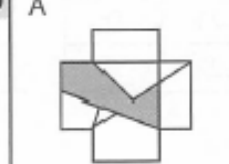
15 D 


16 C 

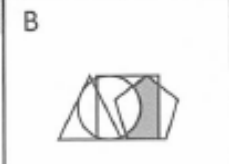
17 C 

18 B 

19 D 

20 A 

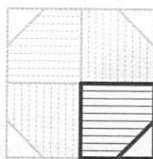
21 A 

22 B 

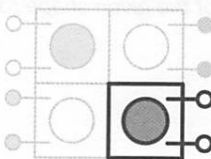
Test 6 (pages 12–13)

- 1 **e** All of the other shapes have solid lines along each edge of the cuboids.
- 2 **d** All of the other shapes have an inverted V at the base of the straight line.
- 3 **d** All of the other shapes have the same shading in the small circle.
- 4 **c** All of the other shapes have five parallel lines.
- 5 **e** All of the other shapes have faces showing an arrow, a circle and a triangle.
- 6 **c** All of the other shapes have a black circle and a small white circle inside the larger circle.
- 7 **d** The shaded rectangle becomes white with a narrow shaded rectangle on one side and a thin line on the other side.
- 8 **c** The four small shapes become shaded grey and move to the outside of the larger shape; the dividing crossing lines become wide white bands.
- 9 **a** The pattern is rotated through 90° clockwise.
- 10 **d** The shape becomes shaded and projects into a white square from the right hand side of the square.
- 11 **e** The spot on the arrow goes from white to black; it has a shorter similar arrow on the left and a longer similar arrow on the right.
- 12 **a** The inner shape becomes the outer shape and the outer shape becomes the inner shape.

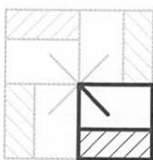
- down; these vertical arrows alternate with a horizontal pattern which has an increasing number of circles each time.
- 4 **d** The pattern moves along the bottom of the rectangle; the pattern is made up of a large grey triangle with a small white one next to it, then a space and another large grey triangle with a small striped triangle next to it, then a space before the pattern is repeated.
 - 5 **e** The white circle moves down the sloping line each time and the shading of the triangle alternates between horizontal and vertical lines.
 - 6 **b** The white circle rotates clockwise around the corners of the square at each step and the squares form a sequence: from large to middle-sized to small to large, etc.
 - 7 **e** The missing square is a mirror image of the top left square, with the line of reflection going from top right to bottom left of the grid.



- 8 **b** Diagonally opposite patterns are similar, the missing piece is the same as the top left section rotated through 180° .



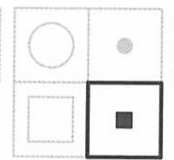
- 9 **d** A short diagonal line from the top left corner completes the X pattern; the shaded rectangle rotates 90° around the grid.



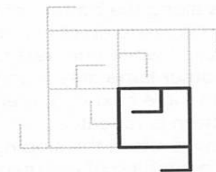
Test 7 (pages 14–15)

- 1 **c** The lower left line alternates between long and short; the higher right side line alternates in style between thin, dotted and thick lines.
- 2 **e** One small white square rotates clockwise around the corners of the larger white square; the shading of the small square in the centre is in the sequence dark grey, white, diagonal shading.
- 3 **d** The vertical arrows have one white circle and alternate between pointing up and pointing

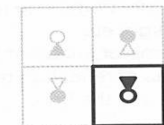
- 0 **e** Both sides of each line have the same shape, with the left side being white and large and the right side being black and small; the short lines outside of the grid on the left are reflected on the right side.



- 11 **d** Both the L-shaped line inside the square the L-shape on the outer corners rotate 90° clockwise around the grid.



- 12 **e** The pattern in each square of the grid is reflected both vertically and horizontally with the shading switching from white to black and black to white.



Vocabulary 3

Exercise A

1. melody
2. misty
3. oral
4. nominee
5. numerous
6. scale
7. faction
8. intuition
9. organ
10. saddle

Exercise B

1. misty
2. numerous
3. nominee
4. organ
5. oral
6. melody
7. intuition
8. scale
9. saddle
10. faction