

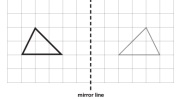
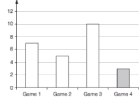
Paper 1 Arithmetic

Q. Answer

- 1 727
- 2 24
- 3 138
- 4 4,513
- 5 1,173
- 6 8.641
- 7 1,100
- 8 990
- 9 21.173
- 10 6,768
- 11 80
- 12 268
- 13 187
- 14* 4/48
- 15 90
- 16 20,000
- 17 2,671,000
- 18* 9/12
- 19* 1 7/15 OR 22/15
- 20* 88,368 (2m)
- 21 29
- 22 0.155
- 23 83
- 24 57.2
- 25* 19,646 (2m)
- 26* 7/21
- 27* 7/20
- 28* 1 3/4 OR 7/4
- 29 18.2
- 30* 29 (2m)
- 31* 594
- 32* 1/6
- 33* 387
- 34* 1 1/2 OR 3/2
- 35* 48 3/4 OR 195/4
- 36* 58 (2m)

Paper 2 Reasoning

Q. Answer


- 1 
- 2 Option 1 and 4 ticked: banana, pear
drawing the bar in the range
2.5 – 3.5 points
- 3 
- 4 -5 AND 13
- 5
$$\begin{array}{r} 254 \\ \times 762 \\ \hline \end{array}$$
- 6 238
- 7 1,000
A correct number in **each** box:
8* 1) Whole number in range **3,500 – 4,499** inclusive.
2) Whole number in range **815,000 – 824,999** inclusive.
- 9 0.4
- 10
- 5, 24

Age in years	Number of children	Number of adults	Number of children per adult
1 and under	12	4	3
2 or 3	20	5	4
4 or 5	24	3	8
- 11

Shape	Area
Shape W	1/100
Shape X	1/4
Shape Y	2/5
Shape Z	1/10
- 12

Shape	Area
cube	9
square-based pyramid	8
triangular-based prism	6
octagonal-based pyramid	5
- 13

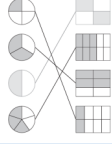
Shape	Area
cube	9
square-based pyramid	8
triangular-based prism	6
octagonal-based pyramid	5
- 14 28
- 15 32.07
TWO marks: two boxes correctly ticked, none incorrectly
ONE mark for two boxes ticked correctly and one incorrect box
OR only one box ticked correctly and no incorrect boxes ticked
- 16*

The digit 5 represents 50,000	<input checked="" type="checkbox"/>
The value of the digit 9 is nine hundred thousands.	<input type="checkbox"/>
The digit 6 represents 6 millions.	<input type="checkbox"/>
The value of the digit 2 is twenty tens.	<input checked="" type="checkbox"/>
- 17* (£)2.50 (2 marks)
- 18 1.35kg indicated 
- 19* 330 (2 marks)
- 20* 5 (hours) 25 (minutes) (2 marks)
- 21 Option 2 (GH is parallel to AB) AND Option 3 (CD is perpendicular to GH) ticked
- 22* 2.7 (2 marks)
- 23* 4/12 (2 marks)
- 24* **TWO marks** for all boxes completed correctly:
ONE mark for any three correct, as long as each statement has a different number
- 25* **TWO marks** for both boxes completed correctly
ONE mark for one completed correctly
- 26*

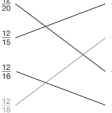
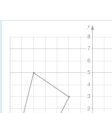
from (0, 2) to (4, 2)	<input type="checkbox"/>
from (6, 8) to (2, 8)	<input checked="" type="checkbox"/>
from (-3, 5) to (-7, 5)	<input checked="" type="checkbox"/>
- 27* **ONE mark** for an explanation that shows that the two quantities are equal

Paper 3 Reasoning

Q. Answer

- 1 
Lines need not touch the shaded fractions, provided the intention is clear.
Do not accept a shaded circle matched to more than one shaded rectangle.
- 2 -30
- 3* (£)1.15 (2 marks)
- 4 3,500

CVI	1110
DXC	105
DLXXX	680
MCX	671

Lines need not touch the Roman numerals or numbers, provided the intention is clear.
Do not accept a Roman numeral matched to more than one number.
- 5 
Lines need not touch the fractions, provided the intention is clear.
Do not accept a fraction matched to more than one simplified fraction.
- 6 
Accept slight inaccuracies in drawing, provided the intention is clear
- 7 8
- 8*

Number of weeks	Number of days
1	7
2	14
4	28
6	42
10	70
15	105
- 9

6	42
10	70
15	105
- 10a Answers given in the range 202 – 218 (mm) inclusive
- 10b Answers given in the range 53° – 57° inclusive
TWO marks for **three** boxes completed correctly
ONE mark for any **two** boxes completed correctly
- 11

5	7	3
3	0	5
2	6	8
- 12

1/5	3/4	8/10	7/8
-----	-----	------	-----
- 13 99kg (2 marks)
TWO marks: three sectors drawn/labelled correctly eg:
- 14* **ONE mark:** one sector drawn/labelled correctly **OR** three sectors drawn correctly but either unlabelled/labelled incorrectly
- 15* 79 (2 marks)
- 16* Whole number answer in the range 61 – 69 (inclusive)
- 17 Option 1, 2 and 5 ticked: 2, 3, 9
- 18* 25 (2 marks)
- 19 **TWO marks:** both boxes completed: **3, 9**
ONE mark: one box completed correctly
- 20 B, C AND D (letters in any order)
- 21* (£)4,655 (3 marks)
- 22a 40
- 22b 7
- 23

Name of 3-D shape	Number of faces
cube	6
pentagonal prism	7
triangular-based pyramid	4
- 24* Explanation that compares the calculations or relative size of the fractions to indicate relative size of the products