

Paper 1 Arithmetic

Q. Answer

1 414

2 6,165

3 67

4 69

5 3,600

6 11

7 2,092

8 70

9 1,994

10 30,000

11* 1 4/5 OR 9/5

12 1,600

13 55.892

14 18

15 612

16* 4/45

17 125

18 96

19* 7/10

20* 21,022 (2m)

21 9,809,000

22 7.86

23 2.024

24 15.12

25* 14 (2m)

26* 3/12

27* 362,610 (2m)

28* 696

29 16

30* 388

31 136 (2m)

32* 3 3/8 OR 28/8

33 2.16

34* 442

35* 9/20

36* 175

Paper 2 Reasoning

Q. Answer

1*

1,005

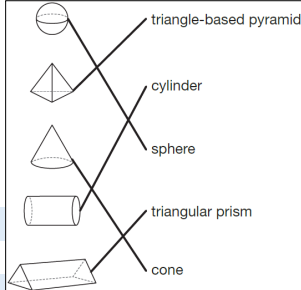
1,050

1,500

1,505

least

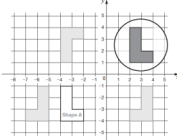
2* drawing the bar in the range of 7.5 – 8.5 pupils

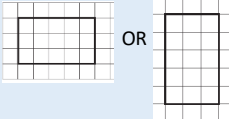
3* 

4 114

5 (£)3.21

6* 74 (2 marks)

7* 

8* 

9* ONE mark for two boxes ticked correctly
Option 2 (All multiples of 20 are multiples of 10) ticked
Option 4 (All multiples of 10 are multiples of 5) ticked

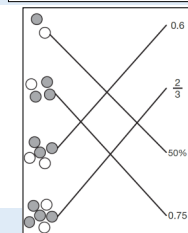
10* 48 (2 marks)

11 9

12 TWO marks for three boxes completed correctly
One mark for any two boxes completed correctly

to the nearest 10	349,910
to the nearest 100	349,900
to the nearest 1,000	350,000

13* TWO marks for all four groups matched correctly
One mark for any two groups matched correctly



14* (£)1.49 (2 marks)

15* TWO marks for three boxes completed correctly
One mark for any two boxes completed correctly

$$\begin{aligned} 24 \div 10 &= 2.4 \\ 24 \div 20 &= 1.2 \\ 2.4 \div 2 &= 1.2 \end{aligned}$$

16a*

5/9

4/9

7/9

8/9

3/9

16b*

5/8

3/8

2/8

6/8

4/8

17 200

18 55

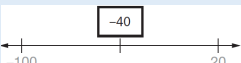
19* 415 (2 marks)

20* TWO marks for three rows completed correctly
One mark for any two rows completed correctly

5p	2p
1	18
3	13
5	8
7	3

21* 5.25 (2 marks)

22a* 

22b* 

23* 60 (2 marks)

Paper 3 Reasoning

Q. Answer

1* ONE marks for two boxes ticked correctly
Option 2 (1.2) ticked AND Option 4 (1.51) ticked

2* 75 minutes OR 1 hour 15 minutes

3a 13

3b* -1

4 ONE mark for both boxes completed correctly

7	0	8
1	6	2
5	4	6

5* (£)3.92 (2 marks)

6*

9/8

1 3/8

1 5/8

15/8

7 9

8a 14

8b* March

9* An explanation that demonstrates that demonstrates why rounding 3.7 to the nearest whole number is not 3 OR
An explanation that corrects Olivia's statement

10*

16

 17

25

 28

11* 1,684 (2 marks)

12a (4,2)

12b* a cross drawn on the grid at correct co-ordinate for point C, e.g.: (10,2) OR (10,8) OR (7,5) OR (1,5)

13a 150

13b 450

14*

OR

$$\begin{aligned} 126 \div 1 &= 18 \times 7 & 126 \div 3 &= 6 \times 7 \\ \text{OR} & & \text{OR} & \\ 126 \div 2 &= 9 \times 7 & 126 \div 9 &= 2 \times 7 \end{aligned}$$

15* 250 (2 marks)

16* TWO marks for three numbers completed correctly
OR ONE mark for any two numbers completed correctly

a prime number	2	3
a square number	3	6
a multiple of 7	6	3

17* TWO marks for three boxes ticked correctly
One mark for three correct AND one incorrect
OR two correct and no incorrect boxes ticked

$\frac{1}{2} = 0.5$	<input checked="" type="checkbox"/>
$\frac{2}{5} = 0.2$	<input type="checkbox"/>
$\frac{7}{10} = 0.07$	<input type="checkbox"/>
$\frac{9}{20} = 0.45$	<input checked="" type="checkbox"/>
$\frac{27}{100} = 0.27$	<input checked="" type="checkbox"/>

18* (£)48 (2 marks)

19a

A =

11

 B =

1

 OR A =

5

 B =

10

 OR A =

1

 B =

16

OR

A =

9

 B =

4

 OR A =

3

 B =

13

19b* a different pair of correct values for A and B (see 19a)

20a 45

20b* 135

21* 974 (3 marks)