

GL PAPER 2

Name: _____

Date of Birth:

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School: _____

Secondary Transfer Test Practice Papers

(suitable for GL style 11+ entrance tests and independent school entrance exams)

GL Assessment 2

Read through this section carefully and wait for further instruction.

Read the instructions carefully.

- Do not begin the test or open the booklet until told to do so.
- Work as quickly and as carefully as you can.
- Ring the correct letter from the options given to answer each question.
- You may do rough working on a separate sheet of paper.
- If you make a mistake, cross out the mistake and write the new answer clearly.
- You will have 50 minutes to complete the test.

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Answer the following questions

1) Alan is asked to distribute 1080 question papers to 15 teachers for marking. How many question papers does each teacher receive ?

- A) 90
- B) 70
- C) 72
- D) 80

2) A square has several properties. Which of these is not a property of a square?

- A) Each of the interior angles of a square is 90 degrees.
- B) The diagonals of a square bisect each other
- C) The opposite sides of a square are not parallel
- D) One side of a square is 4cm and so the perimeter is 16cm

3) Rachel's mother is teaching her daughter to bake a cake. She explains that the proportion of ingredients are as follows: For every one cup of flour, two teaspoons of baking soda, three teaspoons of salt and five teaspoons of baking powder are required. If she uses twelve teaspoons of salt, how many cups of flour are required?

- A) 3 cups
- B) 4 cups
- C) 5 cups
- D) 6 cups

4) Choose the number which has the largest value.

- A) 0.076
- B) 0.0077
- C) 0.0076
- D) 0.077

5) Using BODMAS, find the value of m in this equation: $15(2m + 7) = 285$.

- A) 3
- B) 4
- C) 5
- D) 6

- 6) The table below shows the total number of male and female spectators at a moderately large stadium split up between pavilion and non-pavilion seats. Use the data given in the table to determine the total number of spectators.

Stands	Pavilion	Non-pavilion	Total
Men	7589	?	21349
Women	?	9875	?
Total	13874	?	?

- A) 37,509 spectators B) 33,900 spectators C) 33,995 spectators D) 33,755 spectators

- 7) Joseph orders some pizza for himself and his friends. The cost of each pizza is £12.50 and the delivery charge is £1.50. If Joseph orders 11 pizzas, how much does Joseph pay in total?

- A) £139.50 B) £139.00 C) £149.50 D) £149.00

- 8) Marion's father bought a house for £100,000 three years ago. He sold it for £115,000 today. What is the profit margin as a percentage?

- A) 30% B) 35% C) 15% D) 20%

- 9) A person visits the store and picks up five kg of vegetables for £6.25. Which vegetable did he buy?

Tomato - £1.50 per kg

Carrot - £1.75 per kg

Cabbage - £2 per kg

Beetroot - £1.25 per kg

- A) Tomato. B) Carrot C) Cabbage D) Beetroot

- 10) How many seconds are there in 5 hours and 27 minutes?

- A) 19,620 seconds B) 19,680 seconds C) 22,280 seconds D) 22,460 seconds

- 11) What would be the next number in the following sequence?

20, 26, 38, 56, 80, _____

- A) 100 B) 120 C) 90 D) 110

12) The Maths class lasted for 2 hour and 12 minutes. When did the Maths class start and finish?

- A) 09:48 and 11:02
- B) 13:02 and 15:12
- C) 10:05 and 12:10
- D) 11:15 and 13:27

13) Three lockers in a school contain the following sports balls: 24 basketballs, 30 cricket balls and 18 volleyballs. Which one of the following statements is false?

- A) Basketballs, cricket balls and volleyballs are in the ratio of 4:5:3
- B) Basketballs, cricket balls and volleyballs are in the ratio of 4:6:3
- C) If you pick a ball at random you are more likely to pick a cricket ball
- D) The number of cricket balls and volleyballs is twice that of basketballs

14) The time taken by sunlight to reach earth is 1250 seconds. Convert this into minutes and seconds.

- A) 20 minutes and 50 seconds
- B) 17 minutes and 50 seconds
- C) 19 minutes and 50 seconds
- D) 18 minutes and 50 seconds

15) What does 0.42 divided by 7 equals to?

- A) 6
- B) 0.006
- C) 0.6
- D) 0.06

16) Amongst the 100 cars parked in a car park, $\frac{1}{4}$ of the cars were Volkswagen and 40% of the Volkswagens were blue in colour. How many Volkswagens were not blue in colour?

- A) 18
- B) 16
- C) 15
- D) 17

17) Susan's refrigerator at home could be adjusted to a lower limit of -30°C and to an upper limit of 35°C . What is the difference between the lower and upper limits?

- A) 65°C
- B) 66°C
- C) 67°C
- D) 68°C

18) Find the value of X in the following expression:

$$784 = 8(X - 2)$$

- A) 100
- B) 120
- C) 110
- D) 105

19) What is $15/150$ as a decimal?

- A) 0.015
- B) 0.1
- C) 0.01
- D) 0.15

20) What is 0.08 written as a fraction?

- A) $2/35$
- B) $3/20$
- C) $3/10$
- D) $2/25$

21) Peter reaches the office in 20 minutes when he drives to work. His colleague, Alex takes the underground, leaving home at 7.00am and reaching the station near the office at 7.12am. Alex's home is 2 minutes away from the station and the station is 2 minutes away from the office. If both Peter and Alex start their journey at the same time, who reaches the office later and by how many minutes is the person slower?

- A) Alex, 5 minutes
- B) Alex, 4 minutes
- C) Peter, 4 minutes
- D) Peter, 5 minutes

22) Mike learnt a new trick at school. He asked me to think of a number and multiply it by 7 and add 50 and then divide by 5 for the answer. I answered 24. What was the number that I thought of?

- A) 15
- B) 20
- C) 10
- D) 3

23) Veronica has collected 225 books. She wants to place them on a bookshelf. She can place 25 books on one shelf. How many shelves would she require?

- A) 9
- B) 11
- C) 13
- D) 15

24) The distance between the earth and the moon is 384,400km. What is the place value of 3?

- A) Hundred thousand
- B) Ten thousand
- C) Thousand
- D) Hundred

25) The following items are required for 10 hotel rooms.

- 20 Bed sheets
- 40 Pillows
- 20 Chairs
- 10 Mirrors
- 20 Table lamps

How many pillows would be required for 25 Hotel rooms?

- A) 15 pillows
- B) 100 pillows
- C) 10 pillows
- D) 110 pillows

26) Which of the following calculations is equal to 100?

- A) $13 \times 15 - 13$ B) $13 \times 15 + 1$ C) $20 \times 15 - 1$ D) $230 \div 2 - 15$

27) Which one of the following numbers is not divisible by 9?

- A) 81
- B) 99
- C) 64
- D) 108

28) The following are the shirt sizes of six boys: 38, 32, 30, 34, 36 and 28. What is the median shirt size?

- A) 33
- B) 20
- C) 44
- D) 30

29) Anita has £30 saved in her money box and spent 20% of her savings on chocolates. She also spent £5.70 of her pocket money on a book. How much did she have left?

- A) £18.30
- B) £13.30
- C) £12.30
- D) £14.30

30) Steve is a philatelist. His collection comprises mainly of stamps from two countries; England and India. 4 out of every 6 stamps are from England. He has 102 stamps from India. How many stamps does he have in total?

- A) 150 stamps
- B) 250 stamps
- C) 100 stamps
- D) 306 stamps

31) Jason empties his piggy bank and finds three coins of £2, three coins of 5p, two coins of 2p and two coins of 1p. He also finds two notes of £5 and two notes of £10. How much money does Jason have?

- A) £38.16
- B) £36.21
- C) £37.16
- D) £39.08

32) What is the missing number in this equation? $13750 + 13750 = (\quad) \times 4$

- A) 6,875
- B) 5,450
- C) 2,250
- D) 3,785

33) Which of these times is the same as 17:05?

- A) 5 minutes past midnight
- B) 5 minutes past noon
- C) 5 minutes past five in the evening
- D) 5 minutes past one in the morning

34) Janet uses a 40% discount coupon to buy half a dozen of cakes. After the discount, she pays £21. How much discount did she get?

- A) £15.00
- B) £14.00
- C) £11.50
- D) £13.00

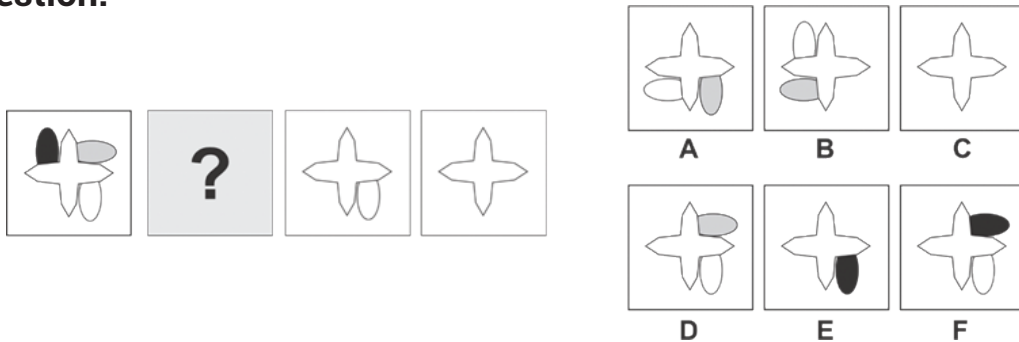
35) What is $2000 - 99.99$?

- A) 1900.0
- B) 1900.01
- C) 1900.10
- D) 1900.001

Non-Verbal Reasoning

For questions 36 -50, find the shape which completes the sequence in the best way.

Example Question:

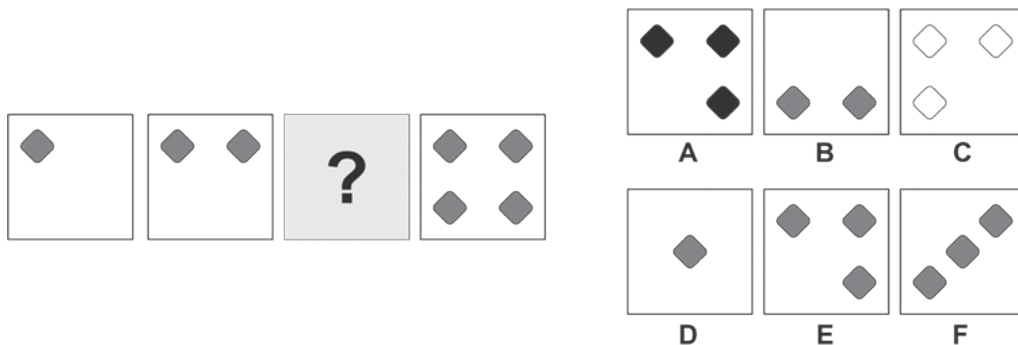


Correct Answer: D

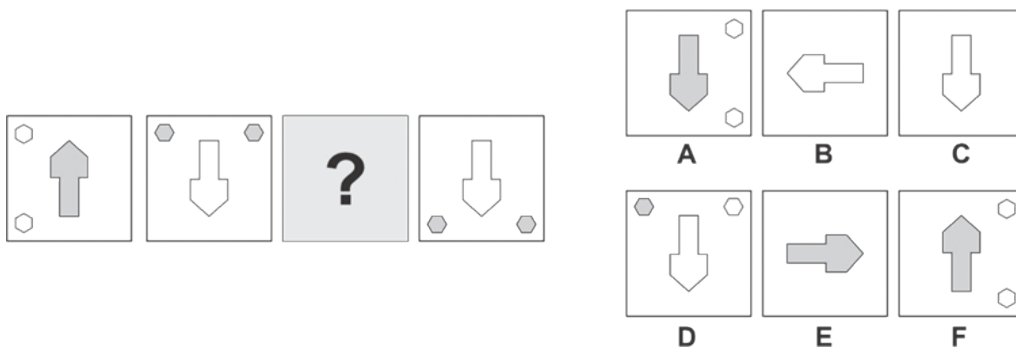
Explanation: Square 1 has three semi-circle shapes that are decreasing by one in each consecutive square.

Now complete the questions that follow.

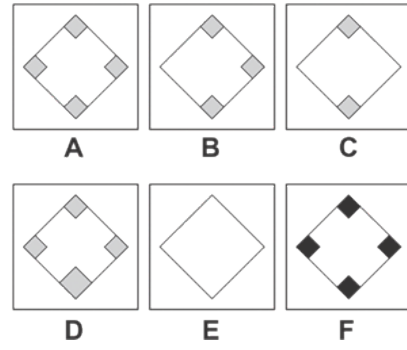
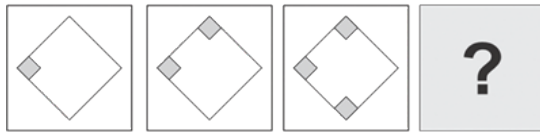
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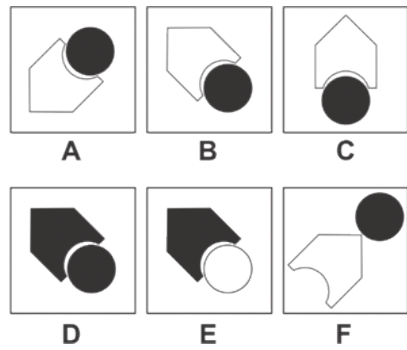
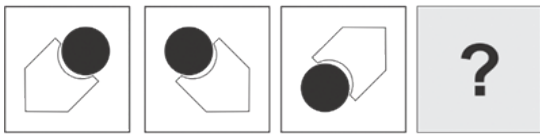
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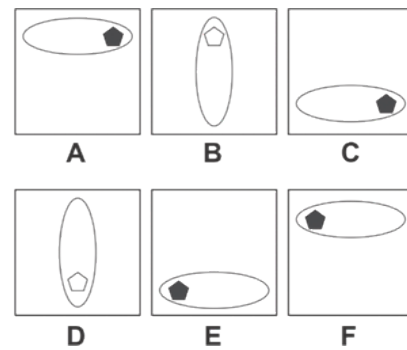
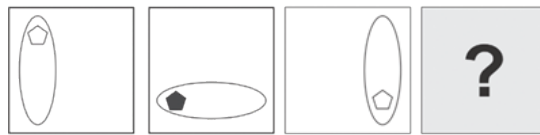
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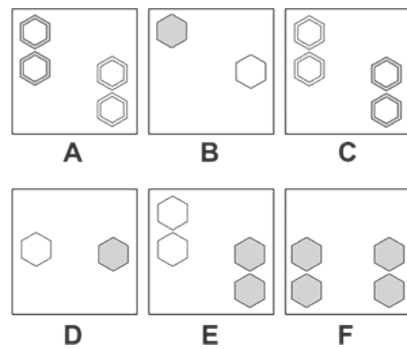
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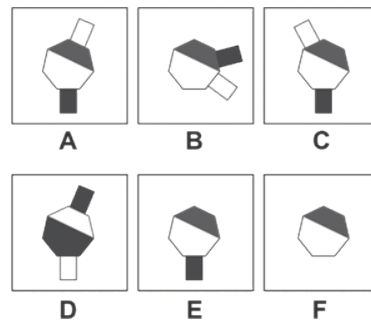
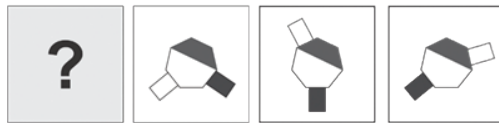
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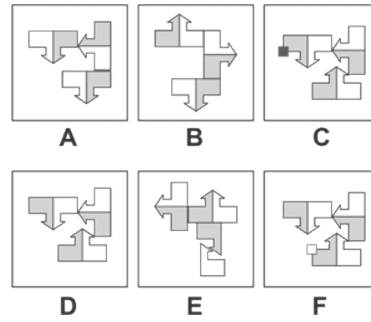
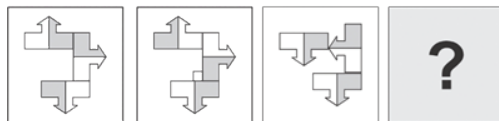
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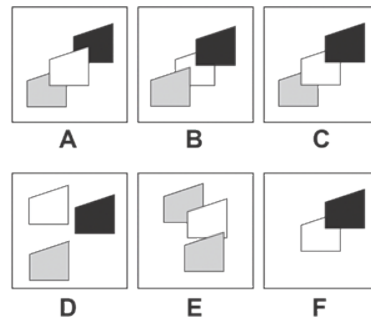
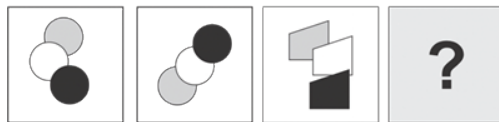
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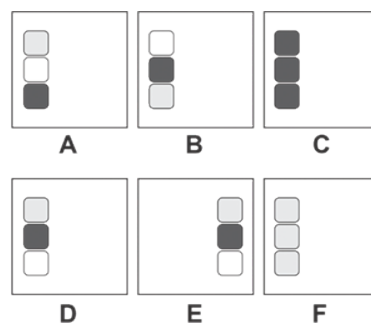
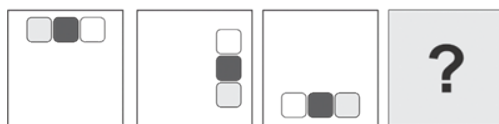
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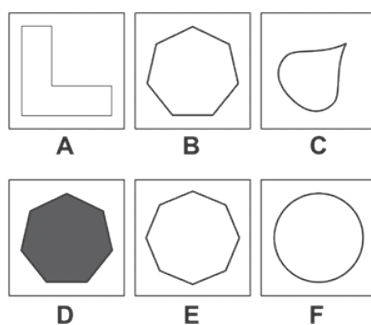
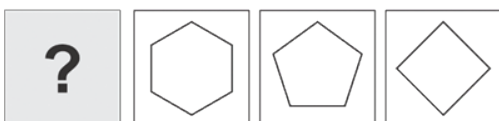
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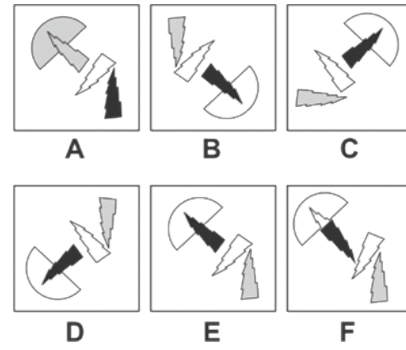
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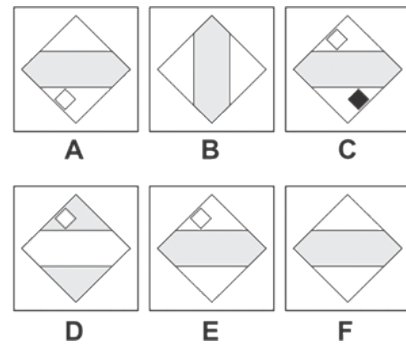
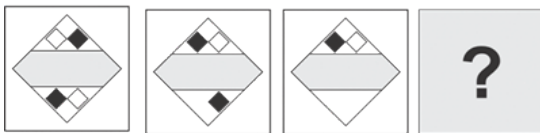
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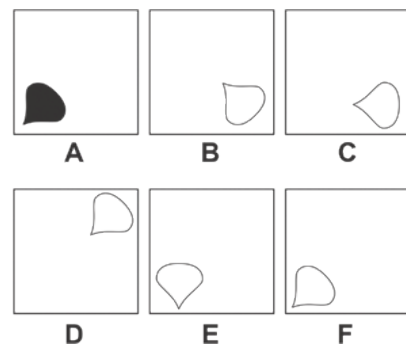
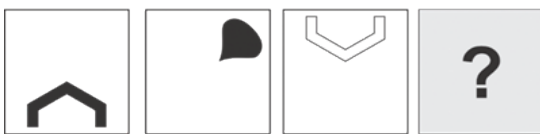
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48)



49)



50)

