








# YEAR 5

## EASTER ASSESSMENT

### Maths Homework Revision

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1. What is 6.4 kilometres in metres?

- A. 640
- B. 0.64
- C. 0.0064
- D. 64,000
- E. 6,400

2. Sylvia is thinking of a number sequence. What is the missing number in the sequence?

64, 49, 36, 25, **?**, 9, 4, 1

- A. 20
- B. 16
- C. 12
- D. 15
- E. 10

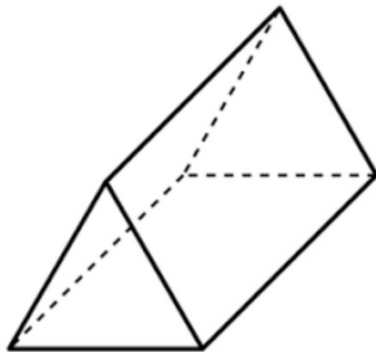
3. Megan is facing West. She turns  $90^\circ$  clockwise, what direction is she facing now?

- A. North
- B. South
- C. East
- D. South-East
- E. South-West

4. Taylor has a kitchen measuring 10.4m by 7.3m. What is the area of her kitchen?

- A.  $85.92 \text{ m}^2$
- B.  $75.62 \text{ m}^2$
- C.  $75.92 \text{ m}^2$
- D.  $70.92 \text{ m}^2$
- E.  $80.92 \text{ m}^2$

5. Look at the 3D shape below. How many edges does it have?



- A. 4
- B. 9
- C. 8
- D. 6
- E. 12

6. Work out

$$(48 \times 27) + 11$$

- A. 1307
- B. 1207
- C. 1304
- D. 1203
- E. 1703

7. How many years will be left if you take 5 centuries, 3 decades and 9 years from a millennium?

- A. 261      B. 460      C. 451      D. 461      E. 360

8. How many 250ml cups can be filled from 4 bottles that each held 1L of water?

- A. 16      B. 20      C. 18      D. 15      E. 25

9. Which number of the following is a prime number?

- A. 12      B. 6      C. 15      D. 61      E. 64

10. Which number is both a cube number and a square number?

- A. 25      B. 9      C. 64      D. 12      E. 100

11. Work out  $(12 \times 40) + (39 \times 12)$

- A. 848      B. 948      C. 784      D. 790      E. 938

12. Chris' grandpa is 91 years old. Chris' father is 64 years old. How much older is his grandpa than his father?

- A. 26 years    B. 37 years    C. 24 years    D. 28 years    E. 27 years

13. A water bottle holds 750ml of water. A jug can hold 1.5L of water. How many litres of water can the two containers hold together?

- A. 2.25L      B. 2.15L      C. 2.75L      D. 2.5L      E. 1.75L

14. Mackenzie walked for 14 minutes from her home to the supermarket. She spent 11 minutes at the supermarket. She walked for 5 minutes to her friend's house. If she left her home at 6:05pm, what time did she arrive at her friend's house?

- A. 6:25pm    B. 6:40pm    C. 6:35pm    D. 6:30pm    E. 6:45pm

15. Work out the sum below:

$$-7 - (-13)$$

- A. 5      B. 6      C. -20      D. -6      E. -5

16. What is the number fourteen and a half as a decimal number?

- A. 14.05
- B. 14.2
- C. 14.005
- D. 14.5
- E. 1.45

17. A washing machine spins 652 times in four minutes. How many times does it spin in one minute?

- A. 162
- B. 153
- C. 142
- D. 143
- E. 163

18. What is 2.69 correct to 1 decimal place?

- A. 2.690
- B. 2.60
- C. 2.6
- D. 3.0
- E. 2.7

19. The recipe below shows a recipe to make 12 gingerbread men.

Gingerbread Men
Ingredients to make <b>12</b> :
250 g butter
2 teaspoons ground ginger
200 g brown sugar
300g flour
1 egg

Arisa wants to make 36 gingerbread men. How much butter does she need?

- A. 750kg
- B. 750g
- C. 600g
- D. 500g
- E. 650g

20. There are 4 teams of 5 players and 7 teams of 6 players in a competition. How many players are there in total?

- A. 62
- B. 52
- C. 60
- D. 58
- E. 42

21. Martin has a number sequence: 4, 7, 10, 13, 16...

What is the  $n$ th term in the sequence?

- A.  $3n$       B.  $3n + 1$       C.  $3n + 2$       D.  $n + 1$       E.  $3n - 1$

Here is part of a train timetable.

London Marylebone	1410	1440	1510	1540
High Wycombe	1433	-	1534	-
Banbury	1506	1541	1608	1639
Leamington Spa	1524	1559	1626	1657
Warwick Parkway	1530	1606	1631	1705
Solihull	1544	1622	1644	1721
Birmingham Moor Street	1556	1632	1653	1735

22. A train leaves London Marylebone at 1510. What time does it arrive at Solihull?

- A. 1631      B. 1644      C. 1544      D. 1622      E. 1721

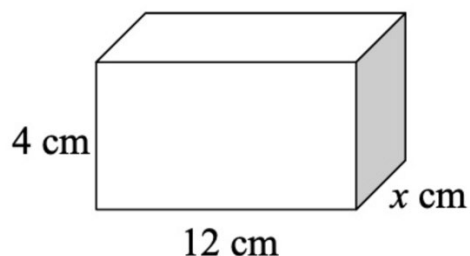
23. How many minutes should the 1440 train take to get from London Marylebone to Birmingham Moor Street?

- A. 110      B. 102      C. 82      C. 122      E. 112

24. Kevin had a packet of 53 chocolates. He shared it with his friends and had 8 left over. How many friends (including Kevin) were there if they each received 9 chocolates?

- A. 9      B. 5      C. 7      D. 8      E. 6

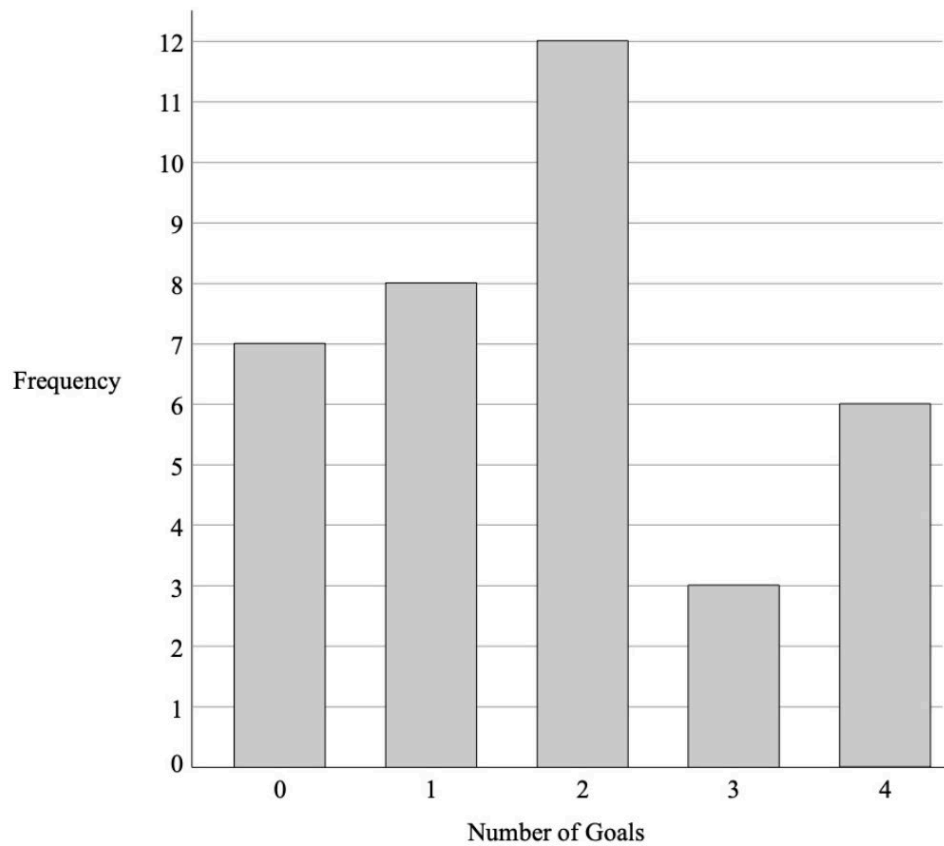
25. The diagram shows a cuboid.



The volume of the cuboid is  $120\text{cm}^3$ .  
Calculate the value of  $x$

- A. 2.5cm      B. 2cm      C. 3cm      D. 1.5cm      E. 3.5cm

26. Here is a bar chart showing the number of goals scored in a game by a football team in a season.



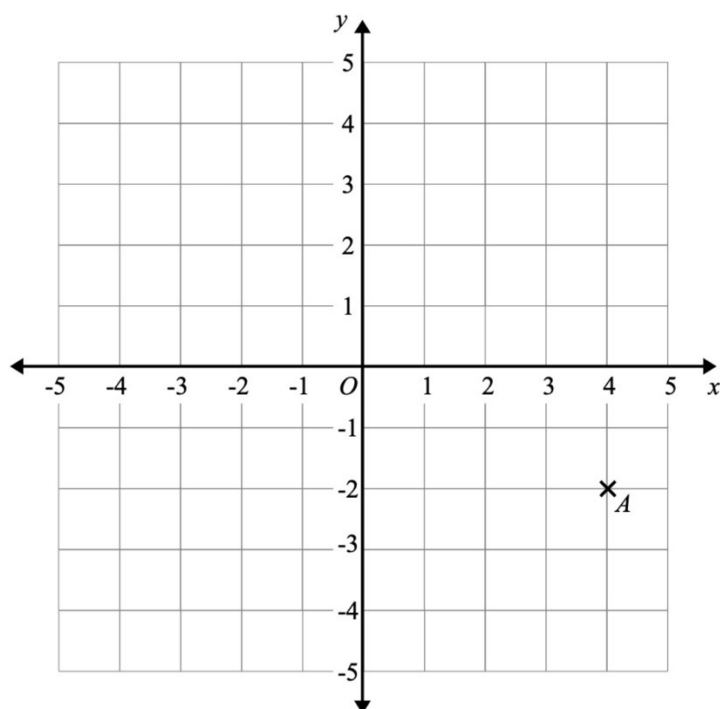
What is the modal number of goals scored?

- A. 1      B. 12      C. 8      D. 2      E. 4

27. Miss Lily was given a pay increase equal to  $\frac{1}{6}$  of her pay. If she was paid £420 before, how much will she receive now?

- A. £500      B. £460      C. £520      D. £490      E. £600

28. What are the coordinates of point A?



- A. (4 , -2)    B. (4 , 2)    C. (-2 , 4)    D. (2 , -4)    E. (2 , 4)

29. Work out  $\frac{3}{8}$  of 64.

- A. 22    B. 16    C. 20    D. 18    E. 24

30. Harry started cleaning his house at 2:40pm and finished at 4:30pm. How many hours and minutes did he take?

- A. 1h 50m    B. 1h 40m    C. 2h 50m    D. 2h 40m    E. 1h 30m

31. A tablecloth measures 120cm by 80cm. What is the area of the tablecloth in square centimetres?

- A. 9000    B. 9400    C. 960    D. 9900    E. 9600

32. Jane walked for  $2\frac{1}{2}$  hours at a pace of 3 kilometres per hour. How far did she walk?

- A. 5 km    B. 7.5 km    C. 6 km    D. 7 km    E. 5.5 km

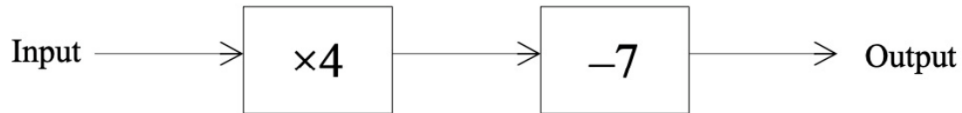
33. Simplify  $12r + 7s - 2r + 4s$

- A.  $12r + 13s$     B.  $14r - 13s$     C.  $10r + 11s$     D.  $10r - 11s$     E.  $14r + 11s$

34. A suitcase costs £125. There is a discount of 20%. What is the new price of the suitcase?

- A. £100      B. £120      C. £110      D. £80      E. £75

35. Here is a number machine.



What is the output when the input is 5?

- A. 11      B. 10      C. 20      D. 14      E. 13

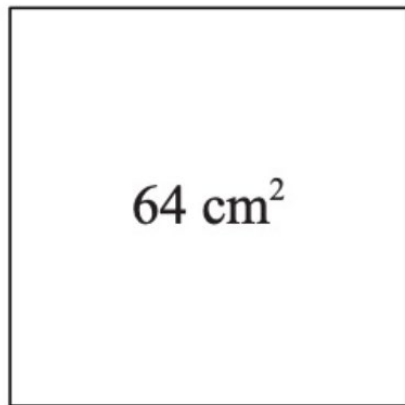
36. Here is another number machine.



Find the **input** when the output is 21.

- A. 64      B. 44      C. 52      D. 48      E. 60

37. A square has an area of  $64\text{cm}^2$ .

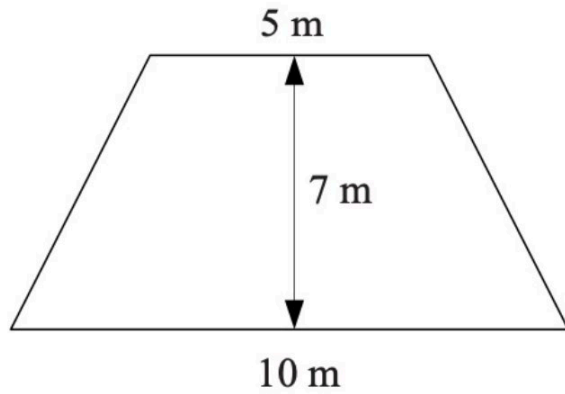


Find the perimeter of the square.

- A. 8cm      B. 16cm      C. 24cm      D. 30cm      E. 32cm

38. The diagram shows a trapezium. Find the area of the trapezium.



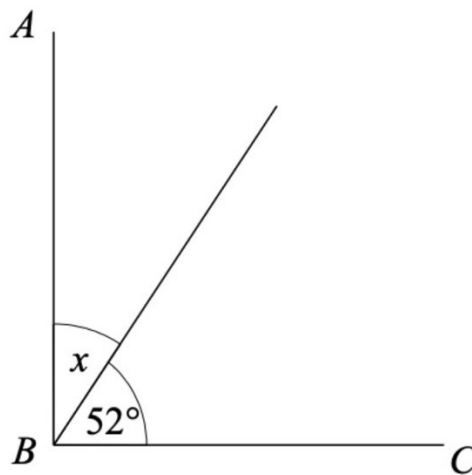


- A.  $35\text{cm}^2$     B.  $40.2\text{cm}^2$     C.  $55\text{cm}^2$     D.  $52.5\text{cm}^2$     E.  $40.8\text{cm}^2$

39. Emily is thrice as old as her youngest sister but half as old as her cousin. If Emily's sister is 4 years old, how old is her cousin?

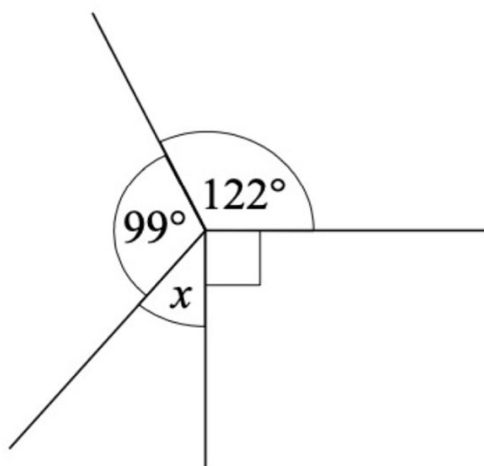
- A. 12 years    B. 6 years    C. 24 years    D. 22 years    E. 8 years

40. AB and BC are perpendicular lines. What is the angle marked x?



- A.  $28^\circ$     B.  $38^\circ$     C.  $48^\circ$     D.  $58^\circ$     E.  $18^\circ$

41. What is the size of the angle marked x?



- A.  $49^\circ$       B.  $19^\circ$       C.  $39^\circ$       D.  $29^\circ$       E.  $48^\circ$

42. A rule to calculate a taxi fare is below:

£3.60 plus £2.20 per mile

How much would a 10-mile taxi journey cost?

- A. £22.60      B. £22.00      C. £22.30      D. £25.60      E. £23.60

43. A shop sells 20 jumpers for a total of £900. If the profit made from these sales is £360, how much did each jumper cost the shop in the first place?

- A. £26      B. £25      C. £28      D. £27      E. £30

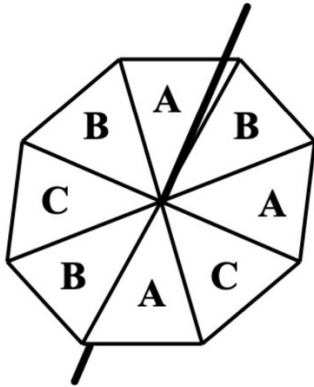
44. A bakery sells 6 dozen buns at 20 pence each. How much did the buns sell for altogether?

- A. £14.40      B. £12.40      C. £14.60      D. £14.20      E. £12.60

45. A cookbook was reduced by 10% from £18. What is the new price of the cookbook?

- A. £17.10      B. £17.00      C. £16.20      D. £16.00      E. £15.00

46. Valerie spins a fair 8-sided spinner. What is the probability that the spinner doesn't land on A?



- A.  $\frac{3}{8}$       B.  $\frac{1}{4}$       C.  $\frac{5}{8}$       D.  $\frac{1}{8}$       E.  $\frac{2}{8}$

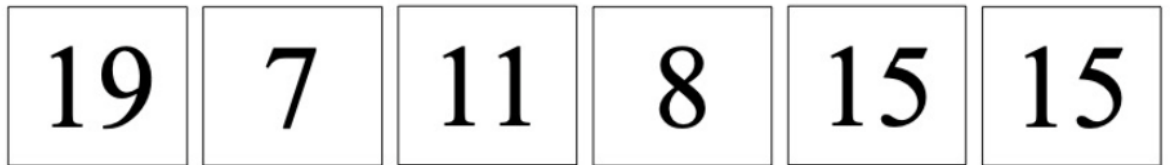
47. Here is a list of 5 numbers.

20      39      12      3      28

What is the range?

- A. 20      B. 13      C. 36      D. 35      E. 38

48. Work out the mean of the numbers below.



- A. 15      B. 12.5      C. 12      D. 13      E. 19

49. Patricia has 60 sweets. She gives  $\frac{3}{10}$  of the sweets to Riko. She gives 8 sweets to Joy.  
How many sweets does Patricia have left?

- A. 32      B. 42      C. 30      D. 40      E. 34

50. Work out  $20 \times (4 + 3)$

- A. 120      B. 160      C. 240      D. 200      E. 140

51. Sophie went on holiday to New York. She changed £250 into United States Dollar (\$). The exchange rate was £1 = \$1.2. How many Dollars should Sophie have received?

- A. \$250      B. \$500      C. \$300      D. \$330      E. 125

52. Yuko has  $y$  number of sweets. She shares them evenly amongst herself and her friends and each friend received more than one. What is the amount of sweets ( $y$ ) that Yuko could have started with?

- A. 38      B. 5      C. 31      D. 17      E. 67

53. Farmer Francis has sheep to horses in a ratio of 5:3. There are 6 horses. How many sheep and horses does Farmer Francis have altogether?

- A. 18      B. 16      C. 10      D. 8      E. 12

54. Work out the answer to the sum below:

$$(-5 \times -6) - 80$$

- A. -50      B. -30      C. 30      D. 120      E. -120

55. Work out the answer to the sum below:

$$15 - (-21)$$

- A. 30      B. -6      C. 34      D. -36      E. 36

56. Poppy is painting a wall. She paints  $30\text{m}^2$  of the wall by lunchtime, which is 40% of the wall. What is the total area of the wall?

- A.  $70\text{m}^2$       B.  $65\text{m}^2$       C.  $100\text{m}^2$       D.  $75\text{m}^2$       E.  $80\text{m}^2$

57. At a dance performance, 5 out of every 8 dancers wore a blue top. What percentage of dancers were **not** wearing a blue top?

- A. 37.5%      B. 62.5%      C. 50%      D. 30%      E. 82.5%

58. Round 25.89 to 2 significant figures.

- A. 25.88      B. 25.90      C. 25      D. 25.8900      E. 26

59. Michelle is planning a holiday for 3 people for 5 days. These are the costs for the holiday **per person**:

Travel: £120

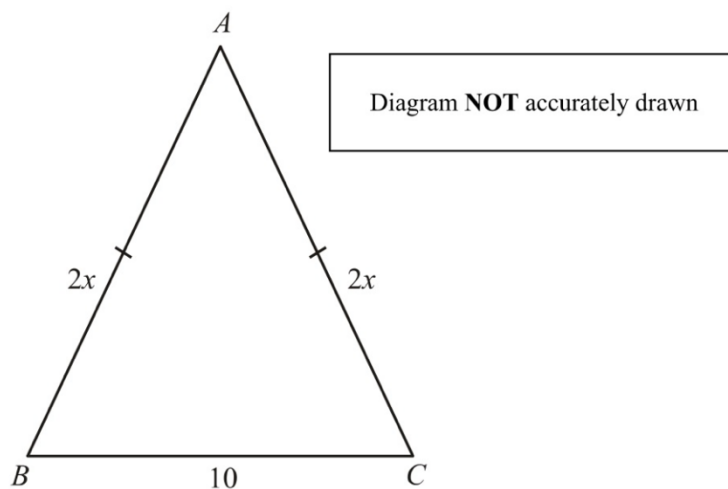
Spending money: £180

Hotel: \$50

Work out the total cost of the holiday for 3 people for 5 days.

- A. £1050    B. £1500    C. £1150    D. £1005    E. £1550

60. Look at the triangle below.



What is the expression in terms of  $x$  that describes the perimeter of the triangle?

- A.  $2x + 10$     B.  $10x + 2$     C.  $10 + 4x$     D.  $40x$     E.  $10 - 4x$

61. Roy starts with 1000 and subtracts 12 each time. The first four numbers in his sequence are: 1000, 988, 976, 964. If he continues in this sequence, what will be the first negative number in the sequence?

- A. -12    B. -10    C. -9    D. -1    E. -8

62. The same number is missing from all three boxes.

$$\boxed{\phantom{000}} \times \boxed{\phantom{000}} \times \boxed{\phantom{000}} = 512$$

What is the same missing number in each box?

- A. 7    B. 8    C. 9    D. 10    E. 12

A hotel charges a fee (£x) for arranging a banquet dinner for n people. The formula for the fee is given by the formula below:

$$X = 15n + 60$$

63. What is the fee, in £, for a dinner of 30 people?

- A. £500      B. £450      C. £350      D. £510      E. £520

64. For a dinner of 30 people, what is the average cost per person for dinner?

- A. £17      B. £15      C. £18      D. £19      E. £20

65. What is the answer to the following equation?

$$92.3 \times 0.2 = ?$$

- A. 19.46      B. 18.46      C. 18.44      D. 18.36      E. 16.46

66. Miss Teo takes 12 minutes to mark one student's homework. There are 32 students in her class. How many minutes will she save if 5 students do not hand in their homework?

- A. 54      B. 48      C. 60      D. 72      E. 36

67. Carly goes for five different classes in a week from Monday to Friday. She has English class the day after soccer. She has guitar class the day before dance class. She finishes the week with badminton class on Friday. She starts the week with soccer.

When does Carly go for dance class?

- A. Monday  
B. Tuesday  
C. Wednesday  
D. Thursday  
E. Friday

68. A recipe states that the time to roast a turkey is "30 minutes per kilogram plus an additional 1 hour". How long will it take to roast a turkey that weighs 5kg?

- A. 1 hour 30 minutes
- B. 2 hours
- C. 2 hours 30 minutes
- D. 3 hours
- E. 3 hours 30 minutes

69. Ray-anne spends one fifth of her weekly pocket money on buying new stationery and one quarter of what remains on her lunch. What fraction of her pocket money is left?

- A.  $\frac{2}{5}$       B.  $\frac{1}{4}$       C.  $\frac{3}{5}$       D.  $\frac{3}{4}$       E.  $\frac{2}{5}$

70. There are 200 sheets of paper in a notebook. The notebook is 5cm thick. Find the thickness of one sheet of paper.

- A. 2.5cm      B. 0.25mm      C. 0.25cm      D. 0.05mm      E. 0.05cm

## Maths Answers

1 E	47 C
2 B	48 B
3 A	49 E
4 C	50 E
5 B	51 C
6 A	52 A
7 D	53 B
8 A	54 A
9 D	55 E
10 C	56 D
11 B	57 A
12 E	58 E
13 A	59 A
14 C	60 C
15 B	61 E
16 D	62 B
17 E	63 D
18 E	64 A
19 B	65 B
20 A	66 C
21 B	67 D
22 B	68 E
23 E	69 C
24 B	70 B
25 A	
26 D	
27 D	
28 A	
29 E	
30 A	
31 E	
32 A	
33 C	
34 A	
35 E	
36 A	
37 E	
38 D	
39 C	
40 B	
41 A	
42 D	
43 D	
44 A	
45 C	
46 C	