1. The areas, in kilometers squared, of some countries are given below. USA: 9,629,091, Russia: 17,098,242, China: 9,598,094, Canada: 9,984,670, the UK: 242,400 and India: 3,287,263. Which of these countries has the smallest area?

(a) UK

(b) Russia

(c) China

(d) Canada

2. Jim drove 768 miles of a 1200 miles journey. How many more miles does he need to drive to finish his journey?

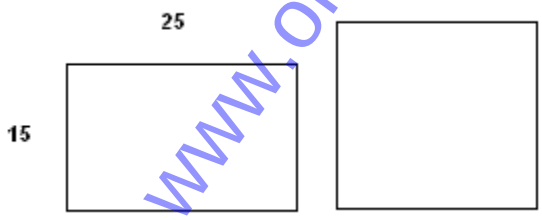
(a) 410 miles

(b) 440 miles

(c) 432 miles

(d) 500 miles

3. The rectangle on the left and the square on the right have the same perimeter. What is the length of one side of the square?



(a) *10*

(b) *20*

(c) 15

(d) 22

4. There are 123 boxes of sweets in a store. There are 25 sweets in each box. How many sweets are in the store?

(a) 3075 sweets

(b) 4085 sweets

(c) 2035 sweets

(d) 2005 sweets

5. There are 365 days in one year, and 100 years in one century. How many days are in one century?

(a) 36500

(b) 4085

(c) 38200

(d) 36660

6. Billy read 2 books. He read the first one in one week with 25 pages everyday. He read the second book in 12 days with 23 pages everyday. What is the total number of pages that Billy read?

(a) 420 pages

(b) 451 pages

(c) 481 pages

(d) 530 pages

7. 123 school girls are to be transported in small vans. Each van can carry 8 girls only. What is the smallest possible number of vans that are needed to transport all 123 school girls?

(a) 18 vans

(c) 16 vans

(b) 22 vans

(d) 28 vans

8. John had $100 to buy drinks and sandwiches for his birthday party. He bought 5 small boxes of drinks at $4 each box and 8 boxes of sandwiches at $6 each box. How much money was left after the shopping?

(a) $32

(c) $15

(b) $24

(d) $22

9. A factory produces 5500 toys per week. If the workers at this factory work 4 days a week and if these workers make the same number of toys everyday, how many toys are produced each day?

(a) *1500* toys

(c) 2035 toys

(b) 1800 toys

(d) 1375 toys

10. Tom, Julia, Mike and Fran have 175 cards to use in a certain game. They decided to share them equally. How many cards should each one take and how many cards are left?

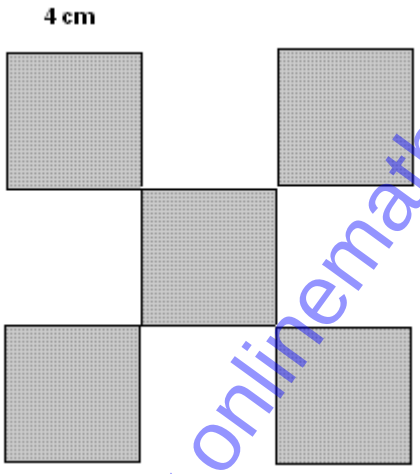
(a) 44 each and 6 left

(c) 53 each and 3 left

(b) 43 each and 3 left

(d) 43 each and 7 left

11. The shaded shape is made of 5 congruent squares. The side of one square is 4 cm. Find the total area of the shaded shape.



(a) 72 cm^2

(c) 80 cm^2

(b) 60 cm^2

(d) 50 cm^2

12. Sam, Carla and Sarah spent on afternoon collecting sea shells. Sam collected 11. If we add the number of sea shells collected by Sam and Carla, the total would be 24. If we add the number of sea shells collected by Carla and Sarah, the total would be 25 shells. How many shells did Carla collect?

(a) *15*

(c) 22

(b) 13

(d) 18

13. Mr Joshua runs 6 kilometers everyday from Monday to Friday. He also runs 12 kilometers a day on Saturday and Sunday. How many kilometers does Joshua run in a week?

(a) 54 km

(c) 24 km

(b) 60 km

(d) 32 km

14. Tom and Bob are brothers and they each had the same amount of money which they put together to buy a toy. The cost of the toy was $22. If the cashier gave them a change of 6$, how much money did each have?

(a) $22

(c) $12

(b) $23

(d) $14

15. John has 5 boxes of sweets. One group of boxes has 5 sweets in each box. The second group of boxes has 4 sweets in each box. John has a total of 22 sweets. How many boxes of each type John has?

(a) 2 boxes with 5 sweets and 3 boxes with 5 sweets each

(b) 2 boxes with 6 sweets and 3 boxes with 4 sweets each

(c) 2 boxes with 5 sweets and 3 boxes with 4 sweets each

(d) 2 boxes with 5 sweets and 3 boxes with 3sweets each

16. There is a total of 16 chickens and rabbits in a farm. The total number of legs (chickens and rabbits) is equal to 50. How many chickens and how many rabbits are there?

(a) 7 chickens and 9 rabbits

(b) 7 chickens and 10 rabbits

(b) 6 chickens and 8 rabbits

(d) 7 chickens and 8 rabbits

17. There are 4 more chickens than rabbits in a farm. The total number of legs (chickens and rabbits) is equal to 44. How many chickens and how many rabbits are there?

(a) 7 chickens and 9 rabbits

(b) 12 chickens and 10 rabbits

(b) 6 chickens and 8 rabbits

(d) 10 chickens and 6 rabbits

18. A rectangular garage is 11 meters long and 6 meters wide. It costs $9.00 per square meter to put in a new concrete floor. How much would it cost to put a new concrete floor in the garage?

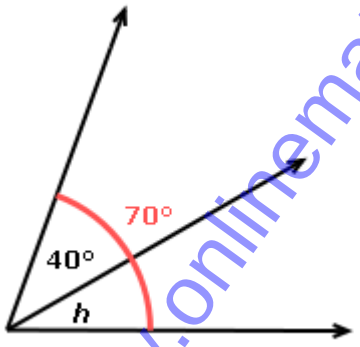
(a) $620

(c) $460

(b) $594

(d) $880

19. What is the value of h?



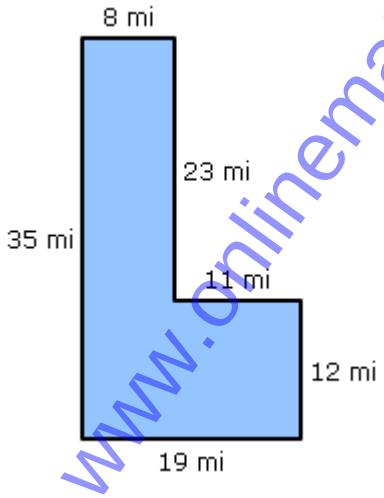
(a) 30^0

(c) 50^0

(b) 60^0

(d) 80^0

20. What is the area of this figure?



(a) 421 square miles

(c) 500 square miles

(b) 538 square miles

(d) 412 square miles

21. A rectangular portrait is 1 meter wide and 2 meters high. It costs $25.00 per meter to put a gold frame around the portrait. How much will the frame cost?

(a) $244

(c) $150

(b) $200

(d) $250

22. Which answer choice shows these amounts of money in order from **least** to greatest?

$6.86 $6.96 $6.58 $6.88

(a) $6.58 < $6.96 < $6.88 < $6.86

(b) $6.86 < $6.96 < $6.88 < $6.58

(c) $6.58 < $6.86 < $6.88 < $6.96

(d) $6.86 < $6.58 < $6.88 < $6.96

23. What will be the next term of the following sequence?

1, 2, 4, 7, 11, 16, 22,

(a) 25

(c) 31

(b) 29

(d) 33

24. Mary put 36 cupcakes on the first tray, 40 cupcakes on the second tray, 44 cupcakes on the third tray, 48 cupcakes on the fourth tray, and 52 cupcakes on the fifth tray. If this pattern continues, how many cupcakes will Mary put on the sixth tray?

(a) 56

(c) 54

(b) 59

(d) 58

25. How much money does Richard need to buy a yellow pepper, a red pepper, and a cucumber?

grapefruit	$1.03
watermelon	$3.42
pumpkin	$2.36
red pepper	$1.07
cucumber	$1.31
yellow pepper	$1.46

(a) $3.50

(c) $3.84

(b) $2.96

(d) $5.18

26. There are 24 hours in one day, and 3,600 seconds in one hour. How many seconds are in one day?

(a) 86400 seconds

(c) 89000 seconds

(b) 92000 seconds

(d) 81500 seconds

27. Tim, Claudia and Michael collected 14 stamps. Michael collected 2 more stamps than Tim and Claudia collected 3 more stamps than Tim. How many stamps did each collect?

(a) T:3 , M:6 , C:5

(c) T:6 , M:5 , C:3

(b)T:3, M:2, C:7

(d) T:3 , M:5 , C:6

28. Find a number such that:

1 - It is a 3-digit number and all its digits are odd.
2 - Its hundreds digit is equal to 3.
3 - The sum of its hundred and tens digits is 10.
4 - The sum of its tens and ones digits is 10.

(a) 325

(c) 350

(b) 373

(d) 773

29. Find a number such that:

1 - It is a 3-digit number. Larger than 399 and smaller than 500.
2 - Both digits in the tens and ones are odd and their sum is equal to 5.
3 - The digit in the ones is larger than the digit in the tens.

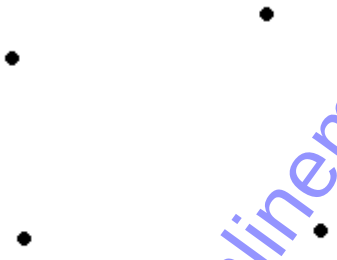
(a) 423

(c) 350

(b) 373

(d) 773

30. A line can be drawn using two points. How many different lines can we draw using the 4 points shown below?



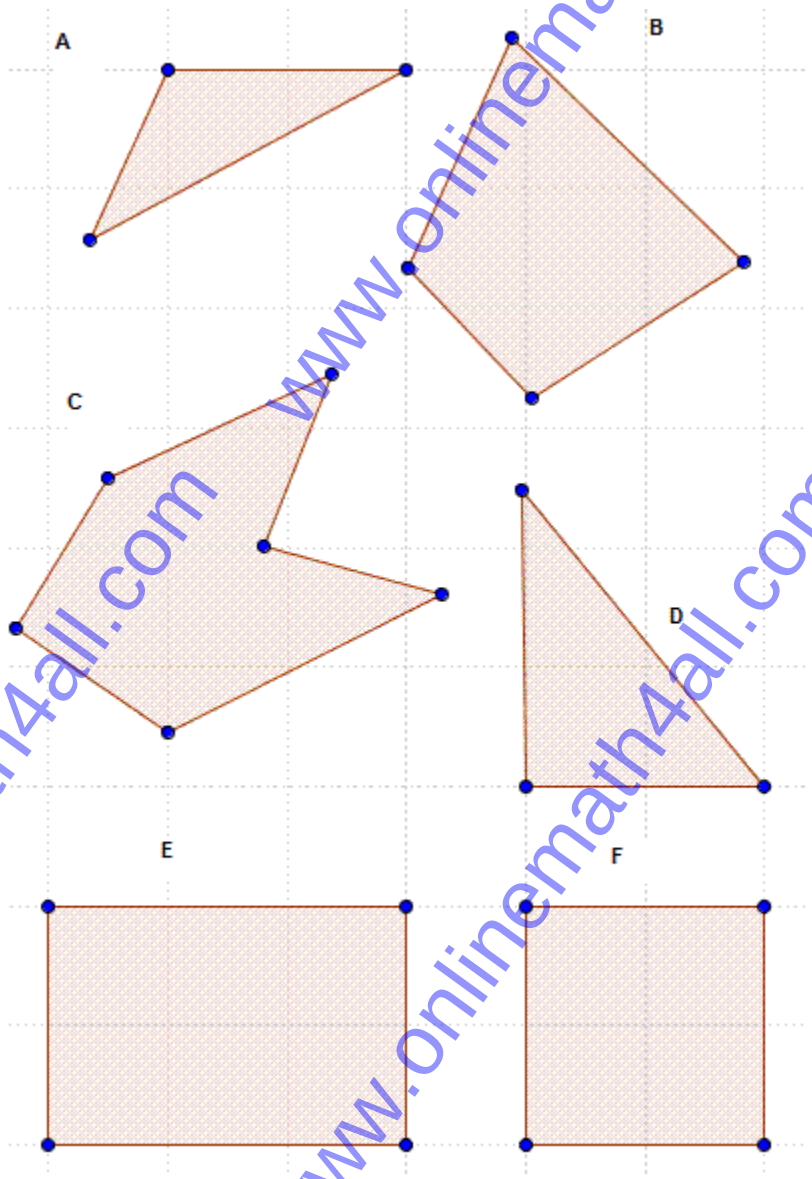
(a) 4

(c) 6

(b) 5

(d) 7

31. Which of these shapes are quadrilaterals?



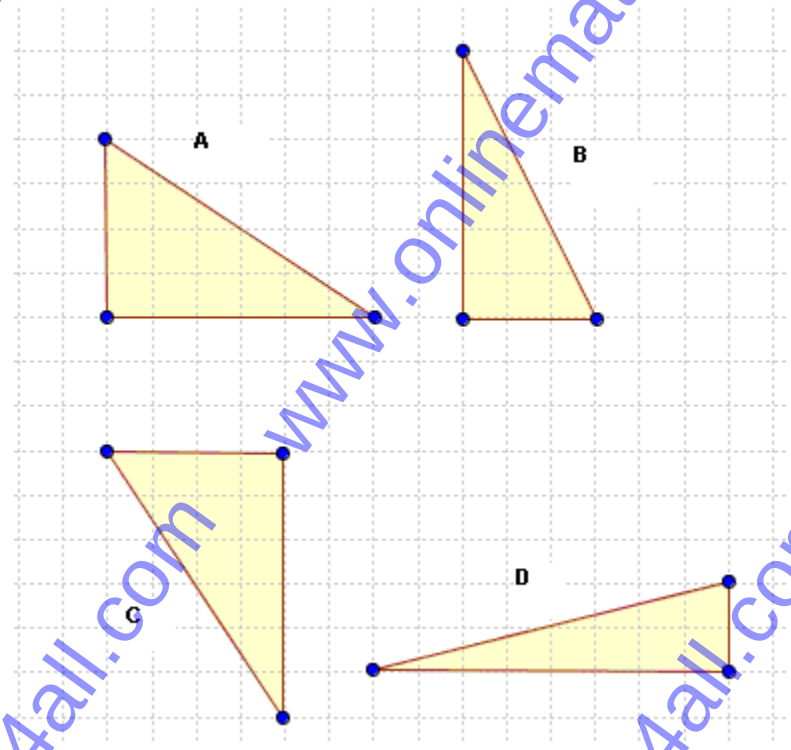
(a) B, E, F, C

(b) B, E, F

(c) B, E, F, D

(d) A, B, E, F,

32. Which pair of triangles are congruent?



(a) B and C

(b) A and D

(c) A and C

(d) B and D

33. What is **109,786,865** rounded to the nearest ten million?

(a) 110,000,000

(b) 111,000,000

c) 100,000,000

(d) 109,770,000

34. Write 82,145,987 in word form.

(a) eighty-two, one hundred forty-five, nine eight seven

(b) eighty-two million, one hundred forty-five, nine hundred eighty seven

(c) eighty-two million, one hundred forty-five thousand, nine hundred eight-seven

(d) eighty-two million, one hundred forty-five thousand, nine hundred eighty-seven

35. Linda wrote a number that is two hundred sixty-five thousand, one hundred eight greater than thirty-two thousand, two hundred twenty-nine. What number did she wrote?

(a) 297,000

(b) 297,300

(c) 297,327

(d) 297,337

36. A school spent $14589 on computers, $1234 on tables and $876 on chairs. How much money did the school spend?

(a) $15,589

(c) $16,699

(b) $16,599

(d) $16,589

37. Which two fractions are equivalent?

(a) 1/2 and 1/3

(c) 1/4 and 1/6

(b) 1/2 and 2/4

(d) 2/3 and 1/3

38. John, Sarah, Tom and Joane bought 2 pizzas of the same size. John ate 2/4 of a pizza. Tom, Sarah and Joane ate 1/4 of a pizza each. How much pizza was left?

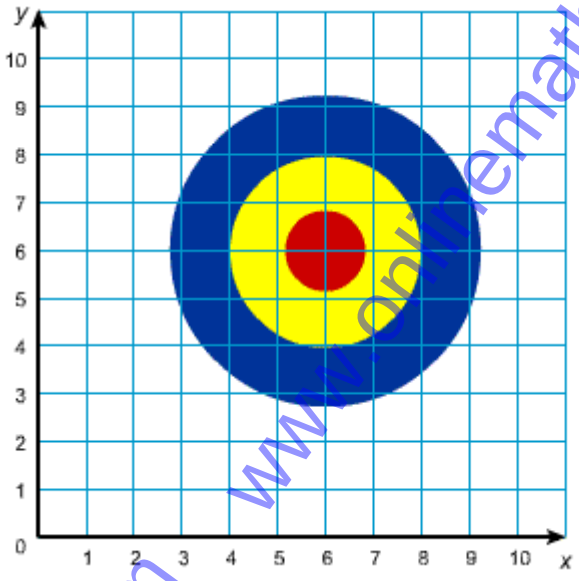
(a) 1/4 of a pizza

(c) 1/2 of a pizza

(b) 1 pizza

(d) 3/4 of a pizza

39. Write the ordered pair of the target



(a) (4,5)

(b) (5,5)

(c) (6,6)

(d) (6,5)

40. What is the probability of picking purple marble form the marbles?

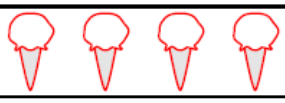
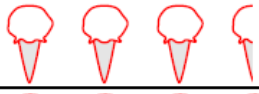
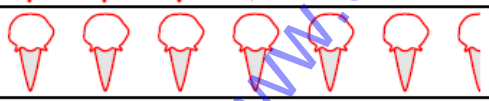
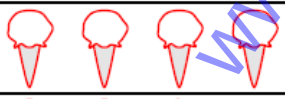
(a) 2/7

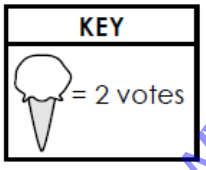
(b) 5/7

(c) 3/7

(d) 1/7

41. Use the information from the list to complete the pictograph below and answer the questions.

Flavor	Number of Votes
Chocolate	
Vanilla	
Chocolate Chip	
Cookie Dough	
Strawberry	



How many votes were there in all?

(a) 41

(b) 47

(c) 49

(d) 45

42. Doreen was having a lemonade stand in her front yard. The picture graph below shows how much she earned.

Lemonade Stand Profits

Day	*Money Earned*
Friday	$ $ $ $ $
Saturday	$ $ $ $ $ $ $
Sunday	$ $ $
Monday	$ $

$ = five dollars

How much money did she earn on Saturday and Sunday?

(a) $25

(c) $30

(b) $40

(d) $50

43. Charlie buys 64 candies and gives 4 candies to everyone in her class. Find the number of students in Charlie's class.

(a) 15 students

(b) 17 students

(c) 16 students

(d) 18 students

44. Shelley collects 60 coins and equally distributes it in 4 boxes. Find the number of coins in each box.

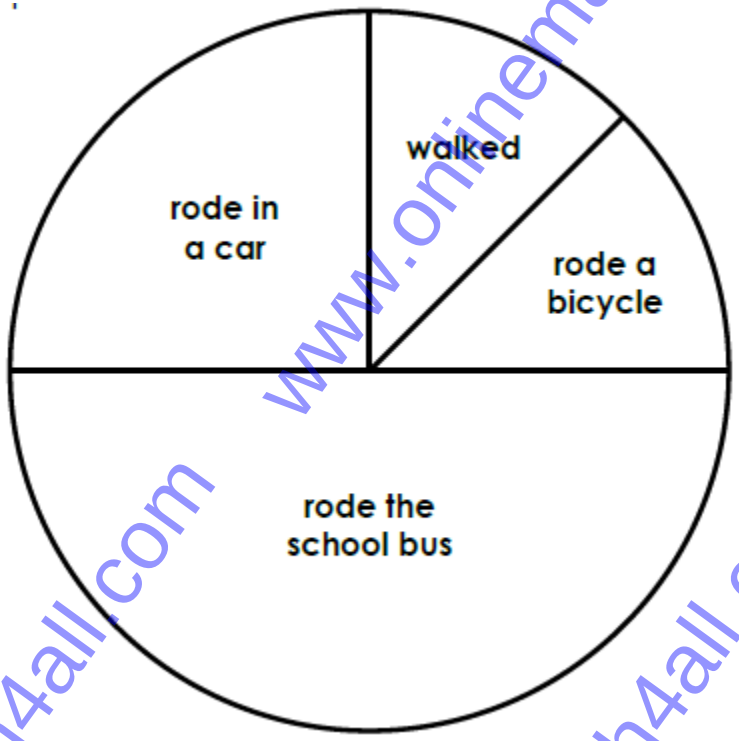
(a) 15 coins

(b) 17 coins

(c) 16 coins

(d) 18 coins

45. Mrs. Ricardo asked her students how they got to school today. She made a pie graph of their responses.



What fraction of students walked to school?

(a) 1/4

(b) 1/6

(c) 1/8

(d) 1/5

46. Kelly forms 7 equal groups out of 42 students. Find the number of students in each group.

(a) 3 students

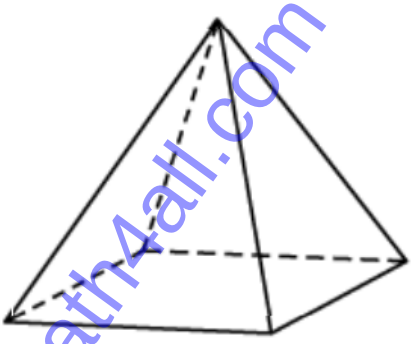
(b) 6 students

(c) 4 students

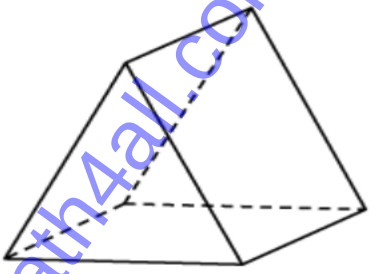
(d) 5 students

47. Which of these figures has 3 rectangular faces and 2 triangular faces?

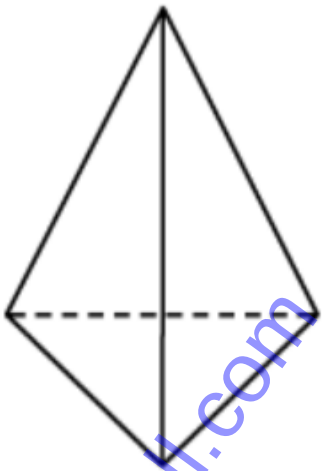
(a)



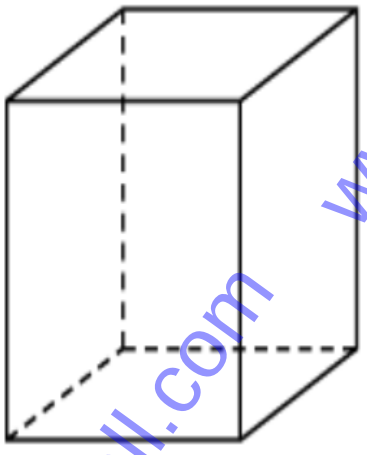
(c)



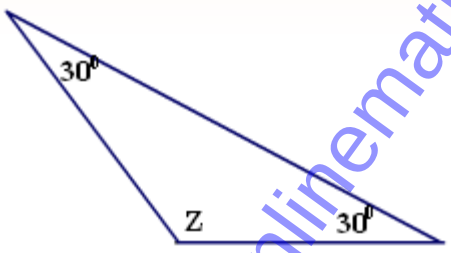
(b)



(d)



48. What is the measure of the angle Z in the triangle below?



(a) 110^0

(c) 120^0

(b) 130^0

(d) 140^0

49. Alexis made 5 gallons of fruit juice. How many quarts of fruit juice did she make?

(a) 20 qt

(c) 25 qt

(b) 9 qt

(d) 10 qt

50. The students at Burns Elementary School sold 297 packages of white wrapping paper and 376 packages of green wrapping paper. How many more packages of green paper than white paper did they sell?

(a) *673*

(b) 79

(c) 189

(d) 121

Answers:

1. a	2. c	3. b	4. d	5. a	6. b
7. c	8. a	9. d	10. b	11. c	12.b
13.a	14. d	15. c	16. a	17. d	18. b
19.a	20. d	21. c	22. c	23. b	24. a
25. c	26. a	27. d	28. b	29.a	30. c
31. b	32. c	33. a	34. d	35. d	36. b
37. b	38. d	39.c	40. a	41. a	42. d
43. c	44. a	45. c	46.b	47. c	48. c
49. a	50. b				