NO.	QUESTION
1	Free trade policies, if made possible all around the world, would pave the way for better economies. As rules and restrictions are loosened up by governments and states with such policies, large foreign business entities globally are now more mobile and are able to import or export goods conveniently. This largely boosts economic growth in any nation that participates in free trade as their GDP rates skyrocket. **Which among the statements, if true, best strengthens the argument?** A. Under free trade, multinational corporations can bring new technologies to third-world countries, which creates more jobs and more cash flow. B. Free trade benefits the marginalised sector of society by restricting international business entrants who try to penetrate the local market. C. Local businesses are now more able to establish their place in the market without external help since the government will monetarily subsidise their operations. D. Economic growth is mutually exclusive to the availability of big corporations worldwide.
2	According to the most recent studies, research activities for students in schools or universities can help restore and protect their memory while also improving their numeracy and problem-solving abilities. As a result, it helps a child's mind better understand complex concepts and theories. When a person is willing to investigate, their learning capacity improves. **Which among the statements, if true, best strengthens the argument?** A. Students become more curious as they get to learn various research concepts. B. Awareness of the most pressing issues in society is made possible by research activities. C. Efficiency in learning is more likely to occur amongst students with research activities. D. Being a practitioner of research allows one to have a sense of credibility in the long run.
3	A bachelor's degree in Political Science enhances critical analysis, writing skills, and memorisation abilities. In addition, this college course also enables societal awareness of various issues that are currently prevalent. These skill sets are what make a good lawyer. Because of this, graduates of the Political Science course go to law school.

	Which among the following statements, if true, best weakens the argument? A. The many skill sets and expertise acquired with a Political Science degree do not qualify an individual for law school. B. The essential skill sets of a lawyer acquired by Political Science students do not guarantee that they will enrol in law school. C. Law school is too rigorous and tiring for a Political Science course graduate to pursue later on. D. Lawyers or attorneys do not need to be good in critical analysis, writing skills, and memorisation abilities.
4	With the ease of access to technology and social media, cancel-culture has become prevalent in recent years. This becomes a social tool used by netizens (people of the internet) that calls out and downgrades entities or personalities that possess problematic behaviours and controversially harmful beliefs, thus holding them accountable for their own evildoings. **Which of the following statements, if true, best weakens the argument?** A. This social phenomenon has become a form of public shaming, denouncing people without giving them a chance to change for the better. B. Making use of 'cancel-culture' has never become effective in eradicating the presence of abusers, molesters, and other types of problematic people. C. Social media has become too wide and open for people that anyone could cancel anybody on the internet. D. Without cancel-culture, evil-oriented individuals would swarm around vulnerable people.
5	Finding a way to feed humans in space is part of a larger effort to prove that long-term extraterrestrial colonisation is possible. A team of scientists reported on May 12, 2022 that they had successfully cultivated plants using lunar dirt collected during the Apollo moon landings. However, this isn't the first time scientists have sought to grow plants in soils that don't normally sustain life. **Which of the following statements shows the main conclusion of the passage?** A. Plant growing is important in space as it is here on earth where agricultural lands are major sources of food.

	B. Cultivating plants on lunar soils where life does not usually thrive is an early attempt to solve food supply in space. C. Plants that grow in soil from the Apollo moon landings are the future of keeping food supplies going in space. D. The conditions in space have been shown to be good for growing plants, so this is the best way to feed people in space.
6	In reality, neither organic nor conventional food is superior to the other. The researchers looked through over 50,000 publications and found 162 studies that compared organic with conventional crops and animals. They discovered that conventional crops had more nitrogen and organic crops had more phosphorus. However, vitamin C, phenolic compounds, magnesium, potassium, and other nutrients, on the other hand, showed no differences. **Which of the following statements shows the main conclusion of the passage?** A. Organic crops are superior to conventional crops since it contains more phosphorus. B. Although there are no significant differences between conventional crops and organic crops in terms of other nutrient content, conventional crops are still superior due to higher nitrogen content. C. More publications and studies are still needed to prove that there is no significant difference between organic and conventional food. D. There is no significant difference between organic and conventional food, especially on the basis of nutrient content.
7	Jeric is Sumail's father. He reminded his son that if he doesn't go to a good university, then he'll deprive himself of a good quality education. Without good quality education, high competency cannot be achieved. People don't get a good job without acquiring the competencies required for the job.

Jeric: "Sumail, if you don't go to a good university like MIT, just forget about getting a good job."

**Which of the following best describes the flaw in Jeric's above argument?**

A. Jeric immediately labels MIT as a good university even without any substantial evidence to prove his point.
B. Without any evidence, Jeric claims that not getting into a good university results in not getting a good job.
C. Just because Sumail does not go against such an argument, Jeric believes his claim is true.
D. Jeric believes that achieving high competency is the main goal of education.

8

To be drafted by the Lakers, Jordan must meet at least two of the following three conditions:

1. A height of at least 6'5
2. A 3-year experience playing a shooting guard position
3. A graduate of St. Vincent High School

Jordan wants to be drafted this year, and he wants to be drafted by the Lakers. However, his competitors are also eyeing the same team.
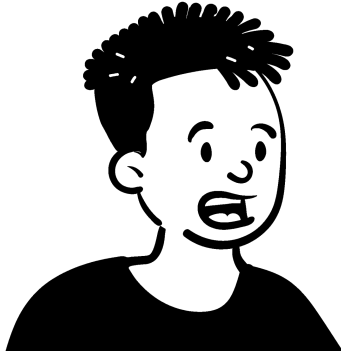
Jordan: "Although I'm only 6'2, I graduated from St. Vincent High School. I may only have a year of experience in playing shooting guard, but I believe my skills can compensate for the two years lack of experience. I can be drafted by the Lakers."

Which of the following sentences shows the mistake Jordan has made?

A. Since Jordan graduated from St. Vincent High School, the Lakers may draft him.
B. Jordan believed he cannot be drafted by the Lakers because he did not meet the height requirement.
C. Jordan believed that he can not be drafted by the Lakers solely because he is a very skilful shooting guard, which is what the Lakers are currently looking for.
D. Jordan only satisfied one qualification, but he felt being a skilled shooting guard was enough.

9

Joel's favourite dish to make is steak, and his family loves eating it every Thanksgiving. For this year's Thanksgiving, his mom asked him to make spaghetti instead, but Joel really wants to cook steak.

Joel: "No, mum. I want to make steak. So, you either let me make my favourite dish, or I won't cook anything at all for Thanksgiving."

Which of the following best expresses the flaw of the argument above?

A. Joel believes that his proposition about making steak is true because it has not been proven false.
B. Joel chose to focus on two extremes and made his mom make a decision based on the extremes.
C. Joel concluded that there is a cause and effect correlation between steak and thanksgiving.
D. The mother attacked Joel's personal background to invalidate his claim of wanting to cook steak.

10	In Japan, jaywalking is an illegal offence for which all offenders must pay a $4 fine.

If the above statement is true, which of the following statements must also be true?

A. If a person pays a $4 penalty, then he is doing jaywalking.
B. Only those who are jaywalking will pay $4.
C. All those who have not paid a $4 penalty have not committed any offence.
D. All those who are jaywalking will pay $4.

11	Being vaccinated for anti-rabies shots is limited to those who have been bitten by dogs.

If the above statement is true, which of the following statements must also be true?

A. Only those individuals who were bitten by dogs can be vaccinated for anti-rabies.
B. Mark has not been bitten by dogs, therefore, he can get anti-rabies shots.
C. Only people who have anti-rabies shots can be bitten by dogs.
D. Even if the person is not bitten by a dog, he can get anti-rabies.

12	The Philippines is considered "monkeypox-free" because no one in the country has been found to have tested positive for monkeypox.

Assuming the above statement is true, which of the following statements must be false?

A. Amy is currently working on-site in the Philippines and she surely is not positive for monkeypox.

B. Fick has been residing in the Philippines for about three months already, and he has tested negative during his monkeypox testing.

C. There are people outside the Philippines who tested negative in a monkeypox test.

D. Jenthre will test positive in a monkeypox test the moment he will move out from the Philippines.

13

All Persian cats obey their masters. Some of the Persian cats, if not trained, bite their masters. All trained cats scratch only strangers and not their masters. Some Persian cats, who bite their masters, also scratch their masters. All cats, who scratch at their masters, also bite them.

If the information above is true, whose reasoning is correct?

Denver: "If a cat obeys its master, it's a Persian cat."
Stockton: "If a cat scratches his master, it also bites his master."

A. Denver only
B. Stockton only
C. Neither Denver nor Stockton
D. Both Denver and Stockton

14

Stanley and Peter are two friends who communicate with each other in the form of a code. Both of them are really fast at maths, hence, they incorporated numbers in the way they write their codes.

In their code, each letter in the alphabet is assigned with a number where number 1 is assigned to letter A, number 2 for letter B, and so on up until letter Z. For every subsequent letter, the assigned number for that specific letter is added with 3. This means that if the letter "A" appears

thrice, the third "A" is written as "7" (1+3+3 = 7). For example, writing the word "AIRPORT" using their code will be "191816152120".

Stanley is about to write to Peter with the following message.
"I fear the day when you will be migrating Georgia"

How will Stanley write the word GEORGIA?

    A. 13171824162110
    B. 13171825162110
    C. 13171825162210
    D. 13271825162210

15

Snakes are the scariest reptiles on Earth. Some snakes are grey. Some snakes are active during the night. Snakes are limbless and elongated.

Luke: "Some snakes are active during the night and all snakes are limbless."
Arian: "If an animal is grey, it must be a snake."

If the information in the box is true, whose reasoning is correct?

    A. Arian only
    B. Luke only
    C. Both Luke and Arian
    D. Neither Luke nor Arian

---

16 | Five students did a test with five difficult questions to answer.

- Kathryn wasn't as fast as Nathan, but Nathan was not as fast as Harley.
- Harley was faster than Gordon but got three questions wrong.
- Aida got all the questions right but took the longest.
- Nathan finished second but got two questions wrong.
- Gordon got more questions right than Nathan but finished after him.
- Nobody got the same scores.

If all the above statements are true, only one of the statements below cannot be true. Which one?

A. Gordon got fewer questions right than Aida.
B. Harley was faster than Kathryn.
C. Harley was not the first to finish.
D. Kathryn got the fewest questions right.

| 17 | In a certain code: |

'Beautiful Reward Lighter Teacher' is written as   'i@5   w#2   h@2   c@3'
'Rescue Trampoline Brilliant Lame' is written as   's#3   l#4   i@3   l#2'
'Breathtaking Rugged Laboratory Thunder' is written as   'k#4   g#2   t#4   n@2'
'Repeat Language Blossoming Treasure' is written as   'p#3   u#4   m#3   s#4'

What is the code for " Radiant"?

A. i#3
B. i@3
C. d#4
D. d@4

| 18 | Students were asked what they think are the essential things they should bring to school. The statements below are the results of the survey. |

I.   Some who answered pens also answered paper.
II.   All who answered calculators also answered tablets.
III. All who answered papers also answered calculators.

Conclusions:

    I.   Some who answered pens also answered calculators.

    II.   All who answered calculators also answered papers.

    III.   All who answered tablets also answered pens.

   IV.   All who answered calculators also answered pens.

Which among the conclusions below follow?

    A. Only I & II follow

    B. Only II follows

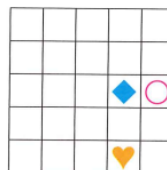   C. Only I & IV follow

    D. None of these options follows

19

Shown below are grids. For each grid, there is a heart, diamond, and circle. These grids are in sequence and all the shapes move in a uniform motion moving forward to the sequence.
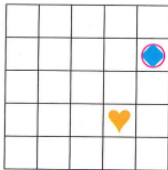
Among the options below, what would be the next grid to this given sequence of grids?
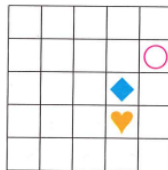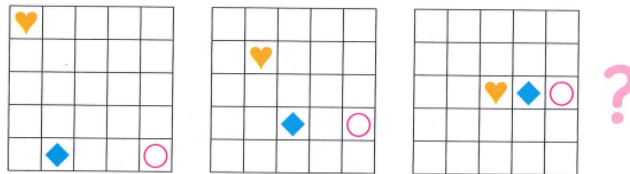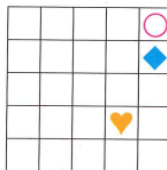

20

Lilia has been asking her mom to let her choose 3 cartoon animation designs for her school bags next school year. Her mom gave her three lists of brands she could choose from. She can only choose one cartoon design per list.

List 1	**List 2**	**List 3**

Mickey Mouse	Roblox	Teddy Bear
Spongebob	Barbie Doll	Spongebob
Scooby-Doo	Teddy Bear	Hotel Transylvania
Barbie Doll	Mickey Mouse	Scooby-Doo

Lilia wants to choose Hotel Transylvania and Roblox.

What can she not choose?

A. Mickey Mouse
B. Spongebob
C. Teddy Bear
D. Scooby-Doo

---

21 | Bread Pan is a famous Filipino cheese & onion flavoured junk food. Its nutrition facts are shown below.

Nutrition Facts
Serving Size 1.06 oz. (30g)
Servings Per Container about 1

Amount Per Serving

	% RDA
Energy 150kcal	6%*
Calories from Fat 50	
Total Fat 6g	9%
Saturated Fat 5g	25%
Trans Fat 0g	
Cholesterol 0mg	0%
Sodium 180mg	8%
Total Carbohydrate 20g	7%
Dietary Fiber 0g	0%
Sugars 2g	
Protein 3g	4%*

Vitamin A 35% • Vitamin C 0%
Calcium 0% • Iron 0%

*Based on RENI 2002 Male 19-29 yrs. old.
RENI (Recommended Energy & Nutrient Intake)
Percent Daily Values are based on a 2,000 calorie diet.

If Jake consumed 45 grams of Total Carbohydrate from eating Bread Pan, **how much energy did he have from eating Bread Pan?**

A. 337.5 kcal

B. 340.5 kcal

C. 350.5 kcal

D. 354.5 kcal

22	There are 16 teams in a soccer league wherein each team gets to play against every other team twice: once during the first half of the season and once during the second half. In the first half of the season, teams are awarded 3 points for a win and 2 points for a draw. In the second half of the season, a win earns 5 points while a draw still earns 2 points.

The performances of the four teams with the lowest number of points by the end of the first half are given in the table below.

Teams	Won	Draw	Lost
Barcelona	6	2	7
Manchester	3	4	8
Liverpool	4	7	4
Arsenal	5	4	6

The results in the second half of the season of these four teams were exactly the same as in the first half.

Among the four teams, how many points did the highest scorer earn?

A. 40

B. 56

C. 60

D. 65

23	Jordy has a 15-minute workout that should be done at least 2.25 hours before meals or at least 1.5 hours after meals.

Jordy's daily schedule is shown below.

Meal Schedule

|	
Breakfast	08:30 - 09:30
Company Meeting	10:25 - 10:35
Lunch	13:00 - 13:30
House maintenance/ chores/repairs	15:15 - 15:45
Dinner	18:30 - 19:30

He sleeps between 22:20 to 6:45. For each successive 15-minute workout, he needs at least 2 hours of not working out before he can do the next 15-minute workout.

How many times can Jordy workout within a 48-hour period starting at time 00:00?
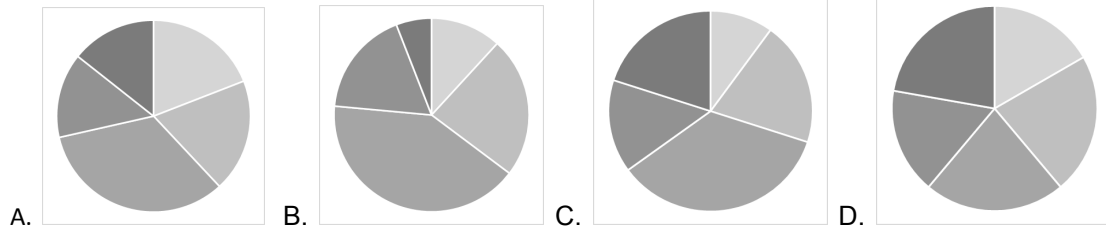
A. 2
B. 4
C. 6
D. 8

---

24 | Carly would like to see the partition of the students in her class in terms of the school clubs they are in. However, she was only able to recover a bar graph that reflected the number of students for each club.
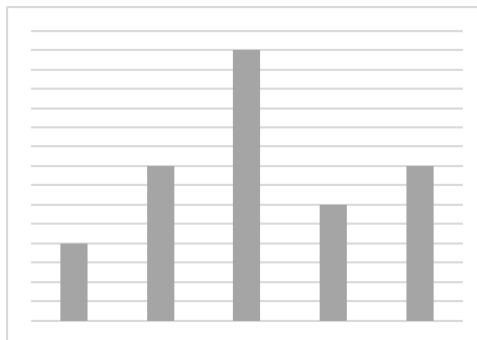
Which among the pie charts below would have Carly drawn if the data in the bar graph accurately represents the students in each club?

A.   B.   C.   D.

| 25 | Ten students are studying Science. They take three tests, each marked out of 100. The results of the first two tests taken are shown below. |

Students	Test 1	Test 2
Junie	94	81
Pearl	72	89
Amber	86	77
Santi	84	93
Troy	88	43
Georgia	33	97
Ray	73	45
Kevs	66	58
Charlie	45	53
Brayden	56	78

A prize is awarded to the student with the highest combined total score from the three tests. If the students are tied for the highest score, nobody gets the prize.

As the scores currently stand, one student is sure to win this prize as long as a high enough score is achieved in the final test.

What is the minimum score on the final test that will guarantee this student the prize?

A. 96

B. 97

C. 98

D. 99

| 26 | Shirley and Ron are in a clothing shop. |

Shirley has a voucher for 50% off the cost of any two items bought together. She has chosen a shirt, priced at $32, and a pair of shorts, priced at $17.

Ron has a voucher that allows him to pay only $4 for the costlier of the two items bought together. He wants to buy a jacket, priced at $27, and a pair of pants at $14.

Both vouchers can be used only once.

If they can swap their items and use the vouchers wisely so that they can pay the minimum possible amount for all four items, how much will they pay?

A. $42.50

B. $40.00

C. $41.50

D. $39.50

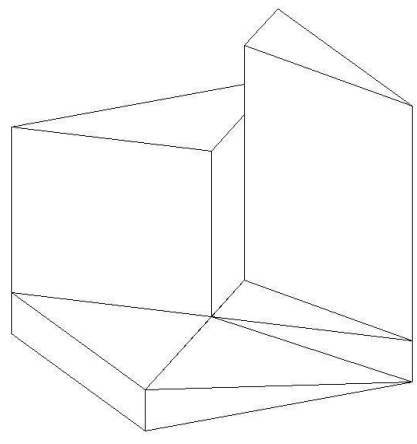| 27 | Megan was tasked by his teacher to draw a bar graph of her time allotment for studying each of her courses every day. However, instead of a bar graph, he drew a pie chart. |
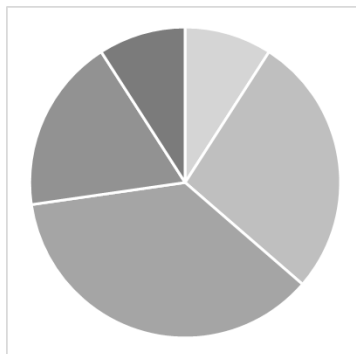
Assuming that the pie chart represents the data, which of the following should James have drawn?
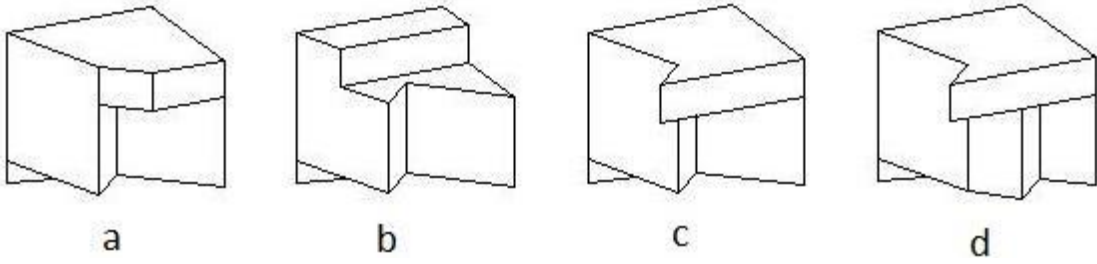
A.

B.

C.

D.
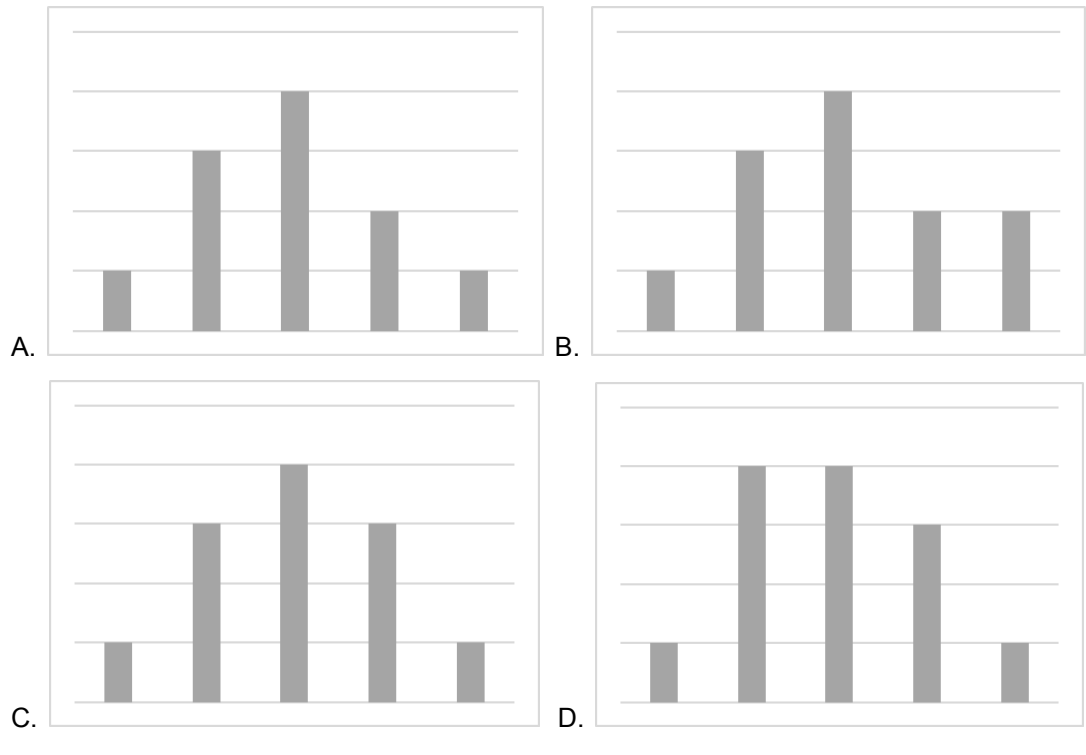
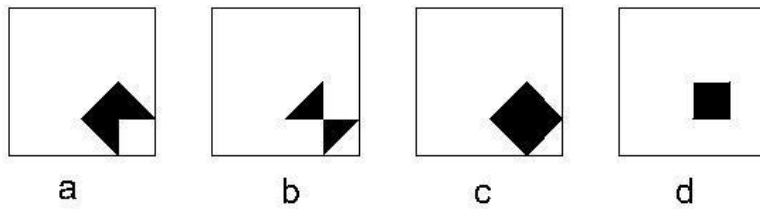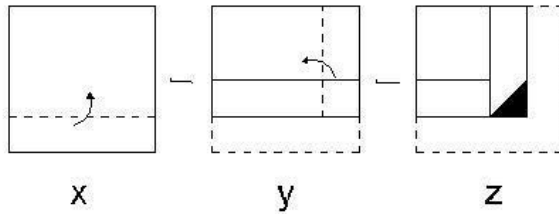| 28	A piece of a puzzle is shown below.
	Which one of the following pieces will fit with the piece above to make a complete cube?

a   b   c   d
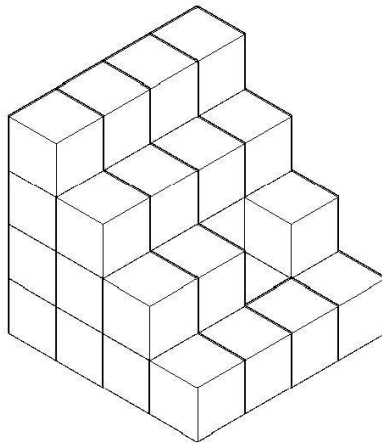
| 29 | Choose a figure which would most closely resemble the unfolded form of figure (Z) |

x   y   z

a   b   c   d

| 30 | A staircase is made from 39 cubes fitted tightly together in the arrangement shown below. |

The staircase is fully immersed in quick- drying paint. All the exposed faces become covered in paint, but the inner ones remain unpainted.

How many cubes remain completely unpainted?

   a.   1
   b.   0
   c.   5
   d.   4