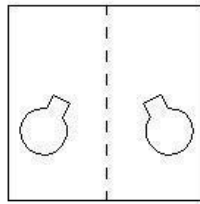


NO.	QUESTION
1	Many scooters are trucks. All trucks are trains. Conclusions: I. Some scooters are trains. II. No truck is a scooter. Which of the following conclusions follow? A. I only B. II only C. Both I and II. D. Neither I nor II.
2	Jillian used the binary number system of coding to send a message to Ralph. If the word "CAKES" is coded as 101101 100101 100100 010101 111000 How should Jillian code the word "KEYS"? A. 100100 010101 001100 111000 B. 100100 101101 100100 111000 C. 100100 111000 101010 111000 D. 100100 010101 101101 100100
3	Annie has always wanted to become a pianist. To become a pianist, a person must have a piano to use and take piano lessons. Pianos are available at most musical instrument shops. These shops can be found in shopping malls.

	Javier: "If I want to become a pianist, I need to ask my mom to buy me a piano and enrol me in piano lessons." Marky: "All people who go to shopping malls want to buy a piano." If the passage in the box is true, whose reasoning is correct? A. Javier only. B. Marky only. C. Both Javier and Marky. D. Neither Javier nor Marky. 
4	Reviewing lessons is beneficial to students. It is helpful to revisit some of the fundamental ideas that were covered in prior classes because it helps students understand the lessons better. Understanding prior lessons is useful in the next lectures since lessons are often connected. This crucial element of classroom instruction can be beneficial across all topic areas. Which of the following statements, if true, best strengthens the above argument? A. Reviewing is important because it gives children more activities that they practise at home. B. Students who revisited previous lessons got better and higher exam scores. C. Students who retained information through review notes understood succeeding lessons well. D. Students who reviewed with friends learned more than those who reviewed alone.
5	The right amount of sweets can help feed both the body and the mind. Some desserts also include all the vitamins, antioxidants, and fibre required for a healthy diet. Eating sweets is helpful to the human body as it can help decrease the risk of various diseases, which is why people should consume large amounts of sweets to keep their bodies healthy. Which of the following statements best weakens the above argument? A. High consumption of sugar increases the chances of developing diabetes, obesity, and liver problems. B. Sweets can be a financial burden because good-quality sweets are expensive. C. Diseases can be avoided if a person lives a healthy lifestyle.

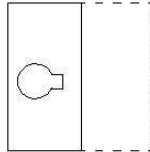
	D. There is a wide range of food groups where people can get vitamins for their bodies.
6	Beth went to the shopping mall together with her son Kenny to find the school bag that Kenny saw on the internet. When they arrived at the mall, they found out that the bag was out of stock since a lot of other kids wanted it too. Beth told Kenny that they can look for other bags that have available stocks. Kenny: “No, mom! I don’t like all the other bags. Either we find this bag or I’m not going to school ever again.” Which of the following describes the flaw in the argument? A. Kenny assumed that the bag he wants is a life essential. B. Kenny criticised the mall because they did not have the bag he wanted. C. Kenny shifted the focus, which led Beth to arrive at a different conclusion. D. Kenny focused on two extreme options just because he couldn't get the bag he wanted.
7	An asteroid collision likely caused the extinction of dinosaurs. Large-scale volcanic eruptions and slow climate shifts spanning millions of years may have been involved. Whatever the cause, the dinosaur extinction left holes in global ecosystems. Which of the following best expresses the main conclusion of the argument? A. Volcanic eruptions are possible reasons for dinosaur extinction. B. No one really knows the cause of dinosaur extinction, even after billions of years. C. The dinosaurs were not able to cope with the climate shifts, which is why they became extinct. D. Dinosaur extinction created gaps in world ecosystems, regardless of what caused it.

8

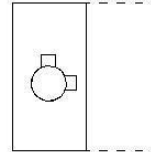


If the paper will be folded in the dotted line, which of the following will be its appearance?

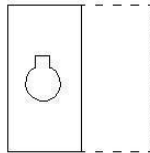
a.



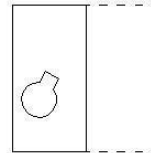
b.



c.



d.



9

Ricci wants to buy 26 big lollies as giveaways for her birthday on Sunday. There are four stores that offer the product she wants. The stores, prices, and other special offers are shown in the table.

STORES	STANDARD PRICE	SPECIAL OFFERS
STORE 1	\$4	No Special Offer
STORE 2	\$6	5% off
STORE 3	\$5	10% off
STORE 4	\$7	Buy 1 Get 1 Promo

If Ricci's father gave her \$120 and asked her to go for the cheapest store, how much money would she have left?

- A. \$26
- B. \$29
- C. \$34
- D. \$39

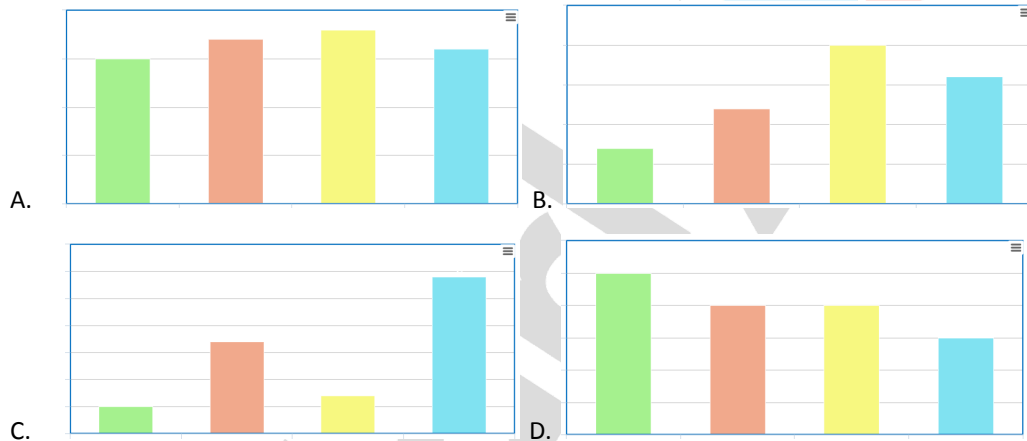
10

Axel asked 55 of his neighbours their preferred time for trash collection. The results are shown in the table below.

TIME	7 - 8 AM	10 -11 AM	4 - 5 PM	5 - 6 PM
VALUE	7	12	20	16

The head of their neighbourhood told Axel that he wants to see a representation of this data.

Which of the following bar charts best represents the data in the table?



11

Dental issues like cavities or gum disease may impact one's ability to chew and communicate. It causes discomfort and produces bad breath, making it hard to function and eat nutritiously. Therefore, all citizens must get dental care, including checkups, since oral or dental health affects overall health.

Which of the following statements, if true, best strengthens the above argument?

- A. Good dental hygiene helps save money on gum and oral treatments.
- B. Brushing twice a day is suggested to remove germs from the mouth.
- C. Children might be lazy in brushing their teeth, so they should be taken to the dentist.
- D. Good dental care prevents tooth decay and gum disease by keeping bacteria levels low.

12	What a child can do is mostly determined by their talent, and polishing it helps them grow and develop. Talent-development classes improve a child's growth, but they're costly and time-consuming, so parents aren't required to enrol their children, especially if they are already busy with their studies. Which of the following statements, if true, best weakens the above argument? A. Being busy is part of achieving growth and developing one's talent. B. Schools provide free talent-enhancement programs that require children to only come for at least an hour after school. C. Children will improve their social skills when they enrol in talent-development classes. D. Improving a child's talent does not ensure a successful life.
13	The skin might become dry if it does not retain enough moisture. Environmental factors, such as cold and dry air, might cause this. However, a moisturiser creates a barrier between the skin and the environment. Using one can lead to smoother skin. Hence, its ability to combat dryness is the reason dermatologists advocate using a moisturiser every night. Which of the following best expresses the main conclusion of the argument? A. Using a moisturiser ensures that one cannot get dry skin. B. Environmental factors may create dry skin, thus doctors recommend moisturising every night. C. Using moisturiser every night can provide minerals for smoother skin. D. Dry skin can cause eczema, making moisturisers very important to a person's skin.
14	One Sunday morning, Christa went for a walk with her dog. Christa happened to pass by the Savoir Toy Store and saw a banner that said they recently released their best doll so far. When Christa saw her classmates standing in line outside, waiting to buy the newest doll, she hurriedly went home and told her dad about it.



Christa: “Daddy, I need you to buy me the newest doll. I heard that this doll is the best product that Savoir has ever released so far. All my classmates are waiting in line to have it!”

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

- A. Christa quickly believed that the doll is the best one out there just because Savoir said so.
- B. Christa chose to focus on two extreme options and has failed to look for other options to convince her dad to buy the doll.
- C. Christa believes that having the best doll would lead to a chain of future events that would result in positive outcomes.
- D. Christa felt the need to have the newest doll just because all her classmates want one.

15

Three students - Micah, Hya, and Jess were suspected of stealing Trish's backpack during lunch. Miss Amie, their adviser, knows that one of them is guilty. When faced with a five-day suspension, they made the following statements:

Micah: Jess is guilty.

Hya: Micah is not guilty.

Jess: I am not guilty.

However, only two of them are telling the truth and the other one is lying.

Which of the following statements must be true if Jess is not guilty?

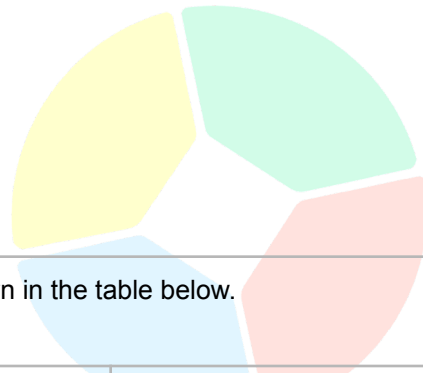
- A. Hya is lying.
- B. Jess is guilty and lying.
- C. Micah is guilty.
- D. Hya is guilty but not lying.

16

Joy owns 20 chickens. Each day, the chickens lay 10 to 20 eggs. Joy counted the eggs by stacking them in fours. She discovered that there are 3 extra eggs. She recounted, this time arranging them in stacks of 3, and she had 1 extra egg.

How many eggs are there in total?

- A. 20
- B. 10
- C. 19
- D. 12



17

The prices for Dreamworld's entrance tickets are shown in the table below.

Pass for 1 day	Pass for 3 days (consecutive)	Pass for 5 days (consecutive)
\$13	\$35	\$50

Krielle will need a ticket for the following days of the month: 2, 3, 4, 8, 10, 11, 12, 13, 14, 18, and 21.

How much is the cheapest valid combination Krielle could use?

- A. 150
- B. 132
- C. 124
- D. 109

18

Mark has 110 marbles and wants to share them with his buddies Jake, John, and James. He gave Jake 2 bags each containing 10 marbles. John had 3 bags, each containing 7 marbles, while James had 4 bags, each containing 9 marbles.

How many marbles remained for Mark?

- A. 33
- B. 35
- C. 30
- D. 29

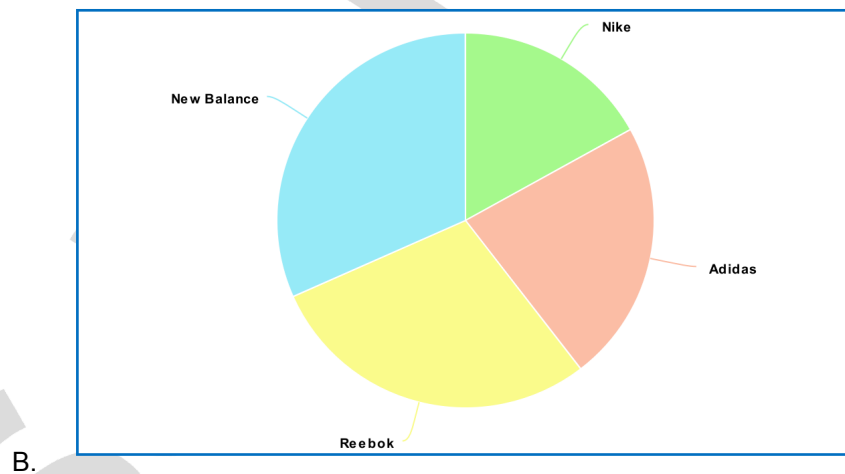
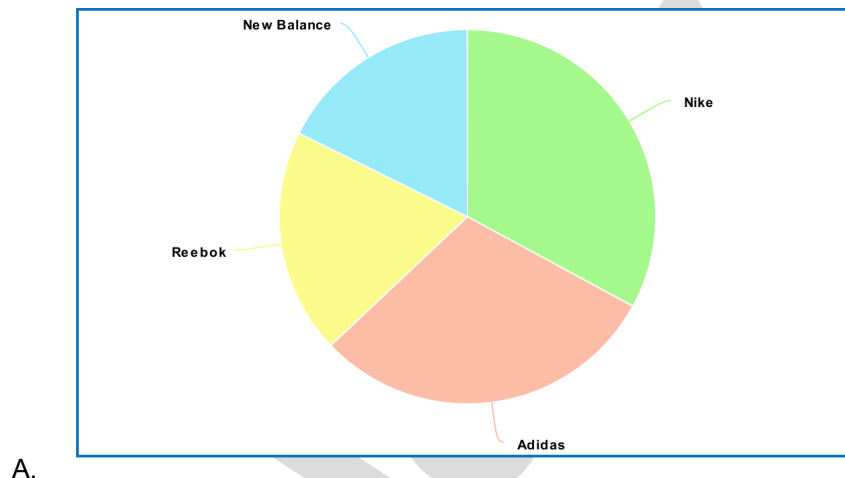
19

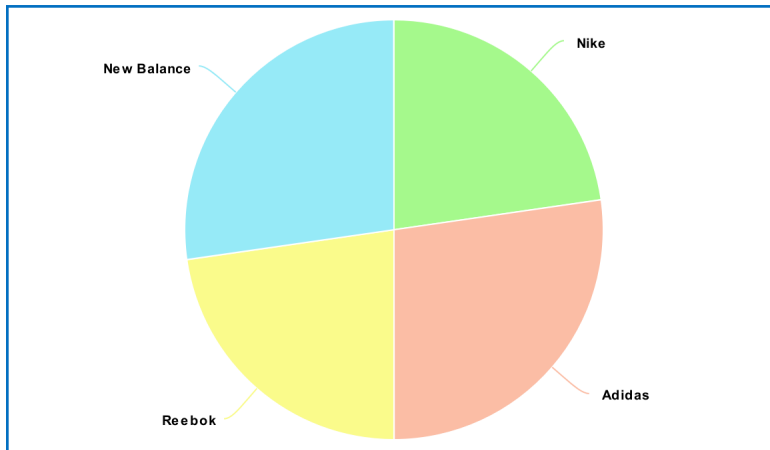
Shelly did a survey on 170 people about their favourite shoe brand. The results are shown in the table below.

Shoe Brand	Nike	Adidas	Reebok	New Balance
Value	56	51	33	30

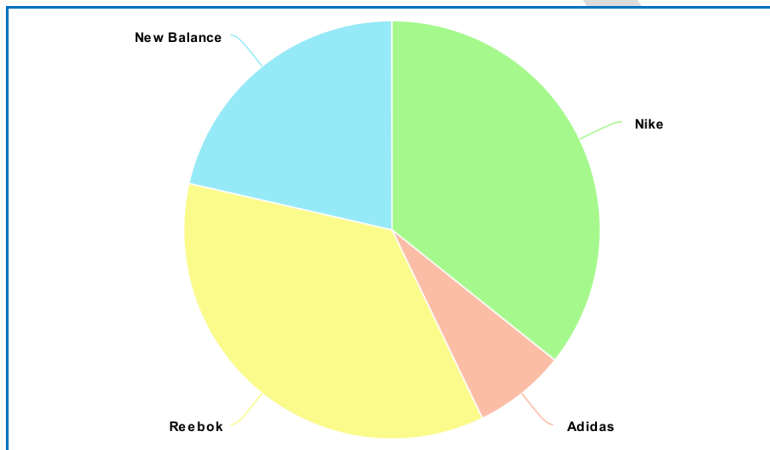
She plotted the data in a pie chart but failed to put a label on it.

Which of the following pie charts best represents the data in the table?



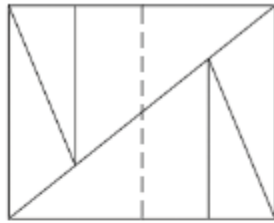


C.

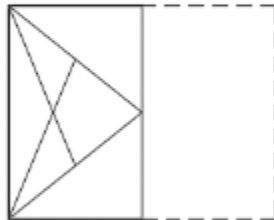


D.

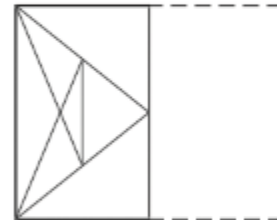
Find out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.



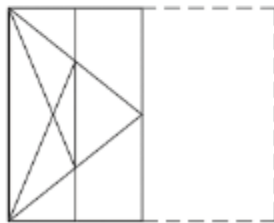
A.



C.



B.



D.

