

NO. ANSWER

1 Based on the requirements to go to school in Genovia, the following dates are examined as follows:

Name	Date of Birth	Date of Vaccination	Can Start School?
Abbie	December 14, 2016	November 29, 2022	No
Bobby	June 15, 2017	November 1, 2022	No
Charlie	April 1, 2016	November 15, 2022	Yes
Daisy	January 25, 2017	November 10, 2022	No
Emmie	October 6, 2016	November 17, 2022	Yes
Fillie	March 5, 2016	December 1, 2022	No

Only Charlie and Emmie were able to meet both the requirements before going to school on December 15, 2022.

Option C is the correct answer.

2 All of the choices try to weaken the statement in varying degrees which will be examined one by one.

Option A deals with the ease of production of solar panels, which may be good, but it doesn't have much relevance since the passage's concern is about the utilisation of land..

Option B is a good attempt, but its main focus is still on the expenses of creating wind turbines rather than a response to the benefits of "land usage" that the passage discusses.

Option C is the best answer since it weakens the passage by clarifying that not all countries have the same topography (land structure), which debunks the claim that wind energy should be the priority of all countries.

Option D offers minimal relevance to the passage.

Thus, Option C is the correct answer.

3 Upon checking the different discounts, the total cost per shop are calculated below:

	1	2	3	4	5	6	7	Total
Purple	23.75	23.75	23.75	23.75	23.75	23.75	23.75	166.25
Silky	27.00	18.90	27.00	18.90	27.00	18.90	27	164.7
Fluffy	30.00	30.00	9.00	30.00	30.00	9.00	30	168

It is observed that Silky Cloth Shop offers the lowest price at \$164.70.

Thus, Option B is the correct answer.

4 Upon checking the frequency of each letter from the word TOMORROW, and applying the rule of the secret code, the solution below is derived.

		Usage Frequency					
		1	2	3	4	5	
T	2nd	U	V	W	X	Y	
O	3rd	P	Q	R	S	T	
M	1st	N	O	P	Q	R	
O	4th	P	Q	R	S	T	
R	1st	S	T	U	V	W	
R	2nd	S	T	U	V	W	
O	5th	P	Q	R	S	T	
W	3rd	X	Y	Z	A	B	

TOMORROW should then be encoded as VRNSSTTZ

Thus, C is the correct answer.

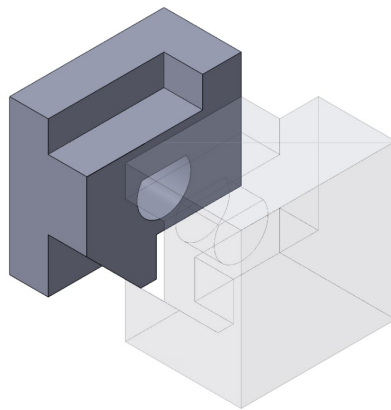
5 The cheapest ticket combination can be computed as shown below:

Dates	Best Cost
1 & 3	120
6,7,8,10	175
12 & 14	<u>120</u>
	415

Yuri will have to pay \$415 at a minimum to attend the dates mentioned in the problem.

Thus, C is the correct answer.

6 Only **Option A** has the specific structure that will fit into the given piece of the puzzle to form a complete cube.



Hence, the correct answer is Option A.

7

		LIE			CONDITION
IF NOT GUILTY		TRUTH			2 GUILTY 1 LYING
MAE		MAE	KYLA	RAPHAEL	
KYLA		MAE	KYLA	RAPHAEL	
RAPHAEL		MAE	KYLA	RAPHAEL	

Based on the table above, we can say that:

- Mae is guilty but is telling the truth.
- Kyla is not guilty but is lying.
- Raphael is guilty but is not lying.

Option A is the correct answer.

8

Options A, B, and D all try to strengthen the passage, but they vary in terms of relevance.

Option A deals with the encouraging effect of emotional support, while Option B deals with enforcing additional controls in the system. Though they may be beneficial for the students, it does not respond directly to the necessity of making students learn amid a lack of resources and guidance.

Option D fills this gap since it deals with offering corrective measures and supplementary lessons, which directly fit the concerns of the passage.

Option D is the correct answer.

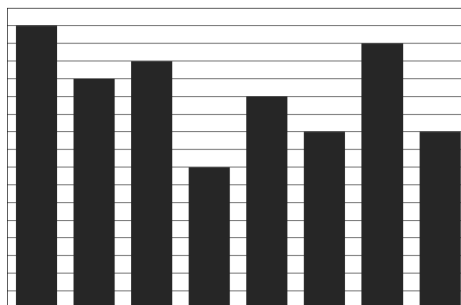
9

The passage leans on the message that apex predators are at the top of the food chain, but they're not always extremely massive. Their size depends relatively on the other species they interact with, which shows how effective they are in dominating the ecosystem. The best statement that concludes this passage is Option C. All other Options either focus only on a small portion of the passage or are irrelevant.

Option C is the correct answer.


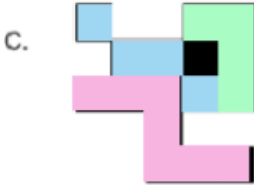


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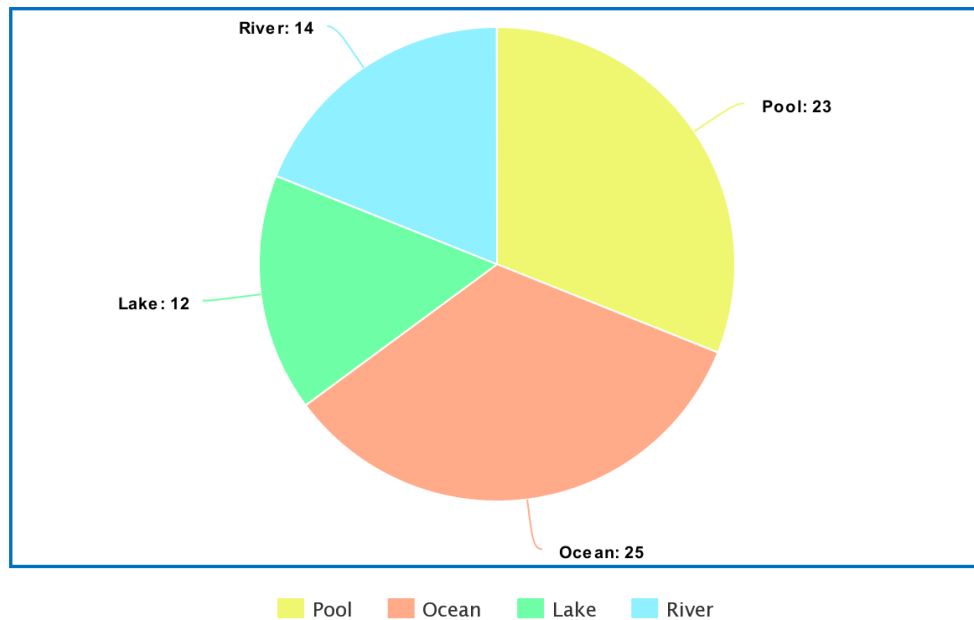
The correct bar graph was supposed to look like the one below:



Luigi's donation was erroneously counted by adding 10 to its intended value. Even without the corrected graph, one can also solve the problem by comparing the donation figures with the gridlines and manually counting them (each grid line represents \$10).

Thus, B is the correct answer.

<p>11</p>	<p>The main argument states that animal testing may be done in order to ensure the safety of newly released products. The statement in option B contradicts and weakens it by stating that there are other alternatives to animal testing where no animal will be harmed, like computer modelling and human volunteers.</p> <p>Option B is the correct answer.</p>
<p>12</p>	<p>The most important points in the main argument are the prohibitions due to COVID, CSI, and its procedures. The statement in option C was able to identify all the significant points and was also able to identify the relationship between them. Failure to mention one of these points would make the argument incomplete and irrelevant.</p> <p>Option C is the correct answer.</p>
<p>13</p>	<p>The word 'balance' is used in an ambiguous manner, having one meaning in some parts of the argument and a different one in other parts.</p> <p>Option C is the correct answer.</p>
<p>14</p>	<p>Jeremy liked both the Carbonara and Pesto because it was stated that all who liked the Pesto did not like the Spaghetti, and we know that Jeremy did not like the Spaghetti as per the problem statement. Moreover, all who liked the Pesto liked the Carbonara. That makes Jeremy one of the few guests who liked the Carbonara but did not like the Spaghetti.</p> <p>Option A is the correct answer.</p>
<p>15</p>	<p>All three shapes were able to fit in the figure in option A. Option A is the correct answer.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>A.</p>  </div> <div style="text-align: center;"> <p>C.</p>  </div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;"> <div style="text-align: center;"> <p>B.</p>  </div> <div style="text-align: center;"> <p>D.</p>  </div> </div>
<p>16</p>	<p>The pie chart in option B best describes and matches the data in the table. Option B is the correct answer.</p>



17 Neither Allan nor Arcie is correct because both did not follow the statements in the passage. Allan's argument is incorrect because it was stated that most but not all hot-blooded horses have unique gaits. Arcie's argument is also incorrect because not all fast-running horses are hot-blooded. Cold-blooded horses can also be fast-running.

Option C is the correct answer.

18 Manufacturer A:
 $\$120 \times 0.10 = \108

Manufacturer B:
 $\$110$

Manufacturer C:
 $\$150 \times 0.15 = \127.50

Manufacturer D:
 $\$130 \times 0.20 = \104

Ivy should get her eyeglasses from Manufacturer D because they offer the cheapest rimless glasses. **Option D is the correct answer.**

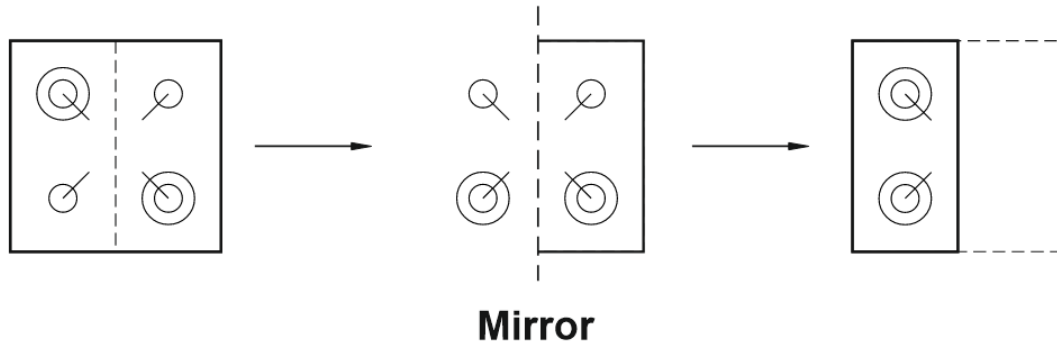
19 TOTAL NUMBER OF CHOCOLATE BARS EATEN BY EACH PERSON:

- Candese = 5 chocolate bars (1 bar she ate during lunch + 4 bars she ate at home)
- Macy = 7 chocolate bars (3 bars given by Candese + 4 bars she ate from the 6 bars she stole with Krielle)
- Krielle = 3 chocolate (3 bars given by Candese; the remaining bars from the 6 stolen ones were not eaten right away but were saved for the next day)
- Amanda = 3 chocolate bars (3 bars given by Candese; the 2 bars she asked for were for her sister)

Macy ate the most chocolate bars. **Option B is the correct answer.**

20

- The paper is folded from right to left about the dotted line.
- Consider a mirror in the dotted line.
- Visualise the mirror image of only the right part.
- Superimpose the mirror image of the right part on the left part.



Option C is the correct answer.

21

Katie has the highest score of 49 and is followed by Beth with 47. Chris scored lower than Beth, but higher than Liam, and thus has the 3rd highest score. The only person who scored lower than Liam is Anne. This means that Liam has the 4th highest score, and Anne has the 5th.

Katie > Beth > Chris > Liam > Anne

Katie, Beth, and Chris all got higher scores than Liam.

Therefore, B is the correct answer.

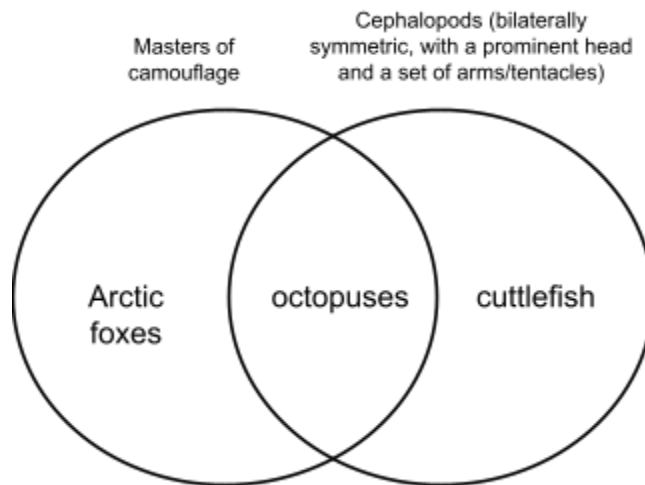
22

Being fast at running is conditional upon being a high school student. By taking the contrapositive of the statement, it simply means that "a person who is not fast at running is not a high school student."

Option A is the correct answer.

23

Pearl's reasoning is incorrect because it was not stated that an arctic fox also has the characteristics of a cephalopod. Just because both arctic foxes and octopuses can camouflage, it does not mean they share other similar characteristics. Larry's reasoning is correct because it was already indicated that all cuttlefish are cephalopods, and all cephalopods possess bilateral symmetry, prominent heads, and a set of arms/tentacles.



Therefore, B is the correct answer.

24 The main point of the argument is to help government officials serve the public. Thus, they should not be hindered by inefficient systems of transportation. Option B best weakens this claim by stating how the use of public transportation, and subsequently understanding it, can also lead to the goal of helping them serve the public better.

Therefore, B is the correct answer.

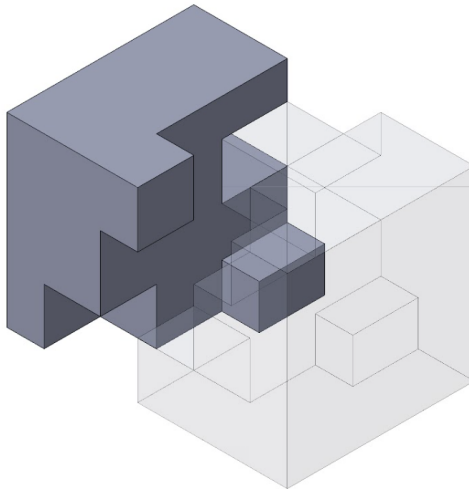
25 Jen makes the mistake of assuming that her personal experience with a restaurant is also true for others when, in fact, there are many factors that should be considered. She draws a conclusion about how the restaurant staff acts based on what she knows about the situation.

Therefore, B is the correct answer.

26 The argument is talking about how the process of making art is long, difficult, and expensive, and yet the public often doesn't understand the value of making an art piece. Option A best expresses the main conclusion of such an argument. Options B and C only tackle the financial aspect of being an artist and do not directly address the public's opinion about the kind of work artists do. Option D only tackles the sentence about perfecting one's craft, and it brings up a comparison about inherent talent – information not indicated in the given argument.

Therefore, A is the correct answer.

27 Only **Option B** has the specific structure that will fit into the given piece of puzzle to form a complete cube.



Hence the correct answer is Option B.

28 To get the accurate value of the spices in the inventory, multiply the weight of each spice by its value per gram.

Saffron: $1\ 000\ g * \$9 = \$9\ 000$

Fennel Pollen: $1\ 000\ g * \$3 = \$3\ 000$

Vanilla Beans: $800\ g * \$2.50 = \$2\ 000$

Option A is incorrect because it shows that the value of the most valuable spice (Saffron) is equal to the value of the other two spices combined, which is untrue. Option B is also incorrect because it shows that the value of the two less expensive spices is too small. This is untrue, as the value of the second most expensive spice alone is at least a third of the biggest slice in the graph. Option C is also untrue because it shows that the spices all have equal value. Option D is correct because it shows the correct proportions which correspond with the prices calculated.

Therefore, D is the correct answer.

29

SHOP	STANDARD PRICE	SPECIAL OFFERS	TOTAL PRICE
SHOP A	\$2	No special offer	\$36
SHOP B	\$4	5% off	\$68.4
SHOP C	\$5	10% off	\$81
SHOP D	\$5	Buy 1 Get 1	\$45

Shop A offers the cheapest paper bags even though they have no special offer.

Angel would only have to pay \$36 for all the paper bags.

Option A is the correct answer.

30 Justin needs tickets for the following dates of September: 1,5,10,16,17,18,21, and 26.

Five 1-day passes for September 1,5,10,21, and 26. = $\$16 \times 5 = \80

One 3-day pass for September 16-18 = \$46

$$\$80 + \$46 = \$126$$

Justin would have to pay \$126 for all the tickets.

Option A is the correct answer.