

1

A poll was taken for the preference of Nursery pupils' favourite colour. The results are shown in the table:

Colour	Blue	Pink	Red	Green	Purple
Number of votes	85	50	45	30	90

A divided bar chart was then produced of the results, but votes for Red were mistakenly added to another colour.



**Which colour were the votes of red added to?**

- A. Blue
- B. Pink
- C. Green
- D. Purple

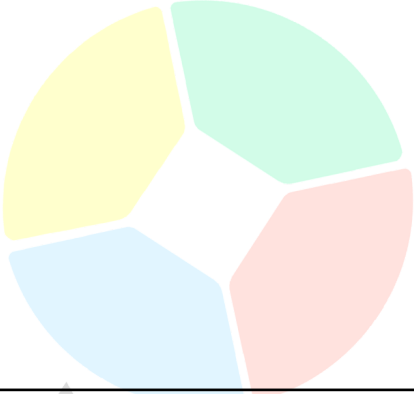
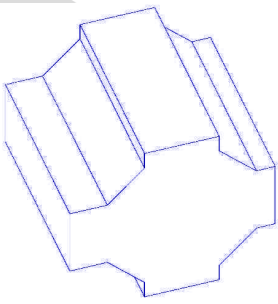
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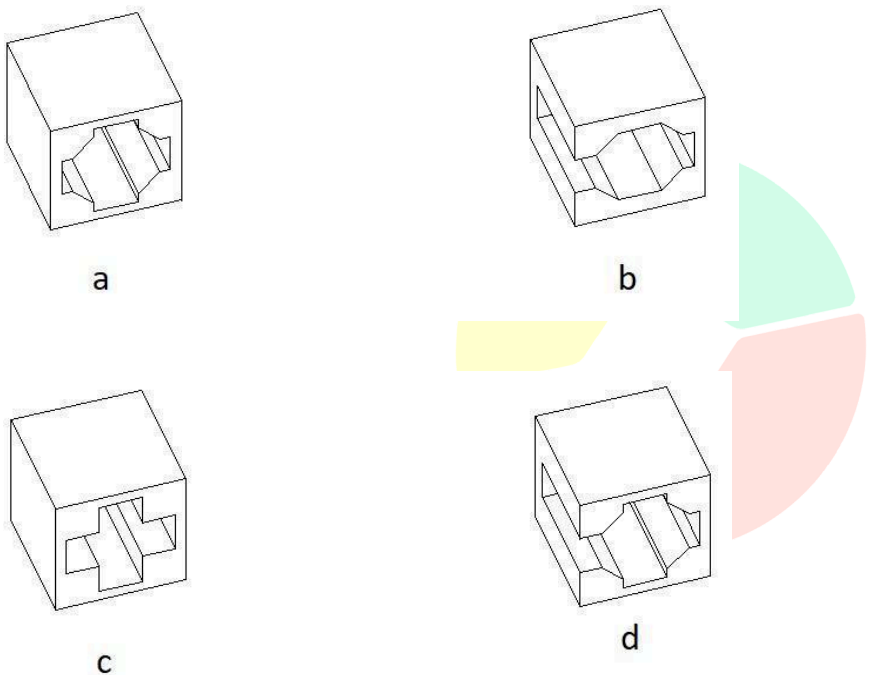
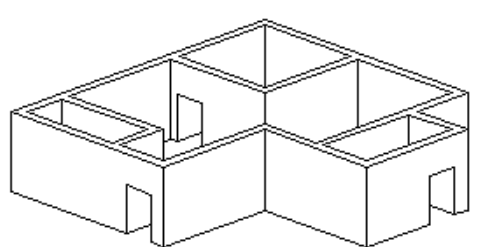
**Rosh:** "Twitter is the best social media platform. Most celebrities are active on Twitter and they are recommending this platform over other social media sites. If I am to get into social media, I'll surely choose Twitter rather than the others since it is the best social media platform."

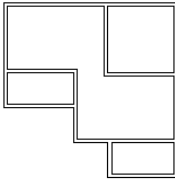
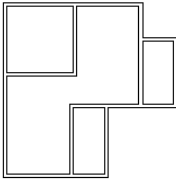
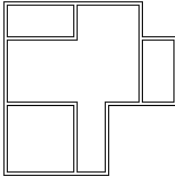
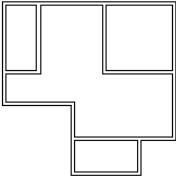
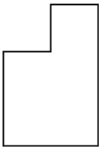
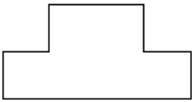
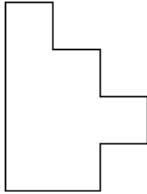
**Which of the following best expresses the flaw in the argument above?**

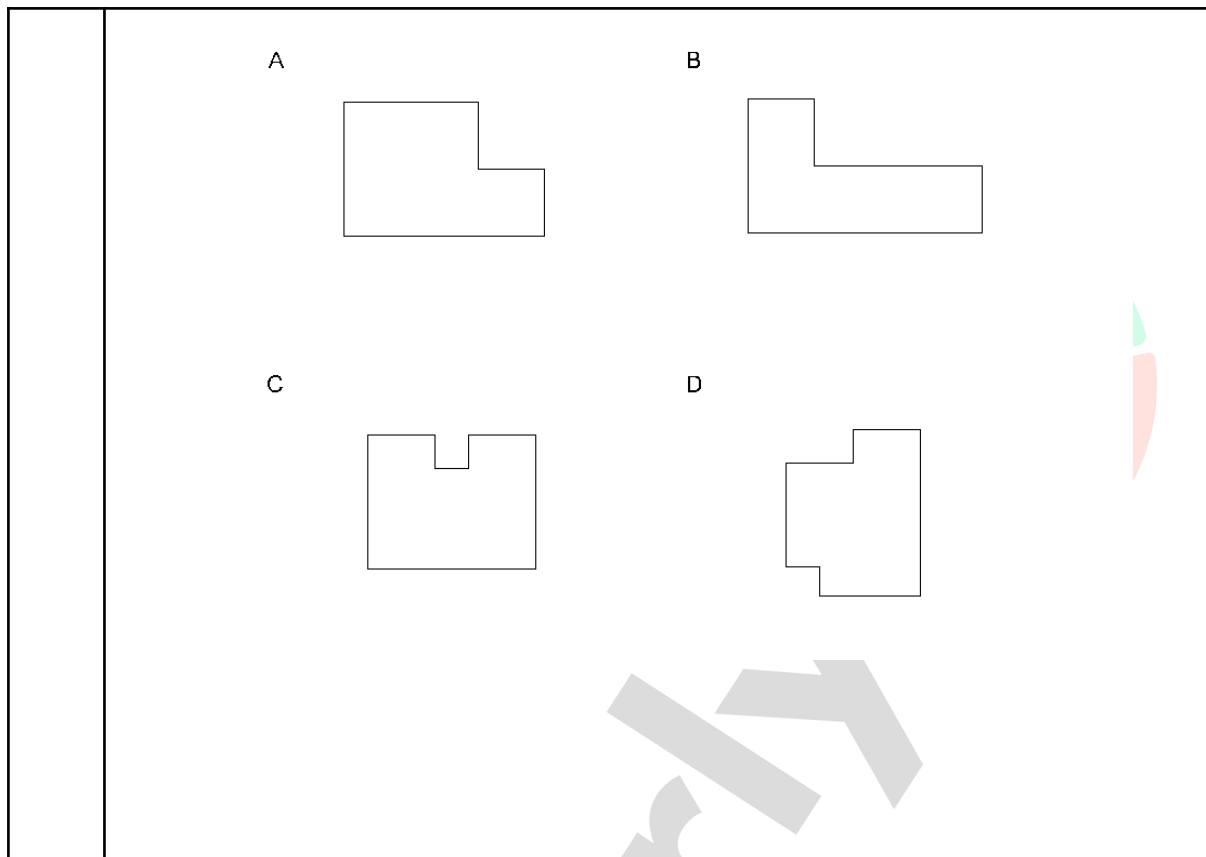
- A. Rosh claims that Twitter is the best social media platform purely because most celebrities use it.
- B. Rosh didn't consider the other factors that make Facebook the best social media platform.
- C. Rosh might not know that many famous people, meaning other famous people could have used other platforms as well.

	<p>D. There is not enough evidence in this paragraph to support or disprove the claim being made.</p>
3	<p>In Australia, a lot of children need financial help. The educational outcomes of these youngsters are often worse than those of better advantaged children. Students who do not have money feel lonelier at school than their more advantaged peers.</p> <p><b>Which among the following statements, if true, best strengthens the argument?</b></p> <ul style="list-style-type: none"> <li>a. A student's educational performance is often determined by their ability to do things within their socioeconomic status.</li> <li>b. Regardless if a child is poor or rich, he or she will still excel in school if they possess enough determination and deliver hard work.</li> <li>c. Students who are often unable to eat three times a day, study in a well-lit room, and go to school with enough pocket money tend to perform poorly at school.</li> <li>d. Advantaged peers also struggle in performing at school too due to many circumstances they encounter.</li> </ul>
4	<p>Most people eat chocolate because of how satisfying every bite is. The scientific explanation to this is that our brain produces endorphins when we eat chocolate, a chemical responsible for making us feel happy. Everyone must eat chocolate frequently to maintain a good life.</p> <p><b>Which among the statements, if true, best weakens the argument?</b></p> <ul style="list-style-type: none"> <li>a. Chocolates have high levels of fat and sugar, which can cause sickness when consumed more often.</li> <li>b. Sweets are important to help the body feel energised, recharged, and active throughout the entirety of the day,</li> <li>c. People become more focused in doing their tasks when they regularly consume chocolate treats.</li> <li>d. Most parents disallow their children from eating a lot of chocolate due to health concerns.</li> </ul>
5	<p>All golden retrievers are furry. John saw a furry dog.</p> <p><b>Which of the following is the conclusion?</b></p> <ul style="list-style-type: none"> <li>A. It is certainly a golden retriever.</li> <li>B. It may be a golden retriever.</li> </ul>

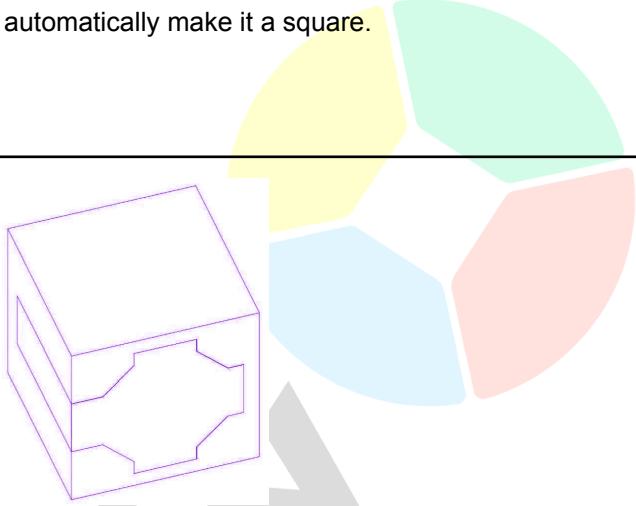
	<p>C. It is not a golden retriever.</p> <p>D. None of the above.</p>
6	<p>Xyon went to the toy store to get some Hot Wheels. A single Hot Wheels toy costs \$1.75. He paid \$6.50 for a box of 5 Hot Wheels.</p> <p><b>How much money did he save?</b></p> <p>A. \$2.25</p> <p>B. \$8.75</p> <p>C. \$2</p> <p>D. \$2.75</p> 
7	<p>All squares have four sides. Some shapes with four sides are trapezoids. No square is trapezoid.</p> <p><b>Which of the following is the best conclusion?</b></p> <p>A. A trapezoid is a square.</p> <p>B. Not all shapes with four sides are squares.</p> <p>C. A square is a trapezoid.</p> <p>D. None of the above.</p>
8	<p>A piece of a puzzle is shown below.</p>  <p><b>Which one of the following pieces will fit with the piece above to make a complete cube?</b></p>

	
9	<p>A view of a single level of a building is shown below:</p>  <p>Which of the following drawings represents the floor plan for this level of the building?</p>

	<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>A</p>  </div> <div style="text-align: center;"> <p>B</p>  </div> </div> <div style="display: flex; justify-content: space-around; align-items: flex-start; margin-top: 100px;"> <div style="text-align: center;"> <p>C</p>  </div> <div style="text-align: center;"> <p>D</p>  </div> </div>
10	<p>Three different shapes are shown below:</p> <div style="display: flex; justify-content: space-around; align-items: center; margin: 20px 0;">    </div> <p><b>Which one of the following arrangements can be made by placing all three shapes together?</b></p>



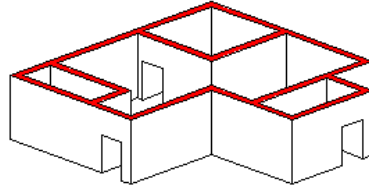
1	<p>The information in the table suggests that Blue is greater than Pink, therefore we can assume that the discrepancy in the bar graph is as a result of Red votes being added to Pink.</p> <p><b>The correct answer is option B.</b></p>
2	<p>In this case, Rosh claims that Twitter is the best social media platform just because celebrities endorse this website. His grounds or criteria in choosing the best social media site is solely based on the opinion of famous people, such as celebrities.</p> <p><b>Therefore, option A is the correct answer.</b></p>
3	<p>The main point of the argument pertains to the difficulty of a poor child in terms of studying in school. Statement C best strengthens the argument by providing more explanations as to how poverty could potentially downgrade one's ability to perform well academically.</p> <p><b>Option c is the correct answer.</b></p>
4	<p>The main idea of the argument suggests that chocolate can be consumed regularly because of its psychological benefits it gives. The statement in option A best weakens this argument by pointing out the downsides of eating chocolate frequently for one's health due to its high fat and sugar content.</p> <p><b>Option A is the correct answer.</b></p>
5	<p>John saw a furry dog and golden retrievers are furry. But, just because John saw a furry dog does not mean that he saw a golden retriever because there are other dog breeds that are also furry.</p> <p><b>Option B is the correct answer.</b></p>
6	<p><b>Solution:</b></p> <p>1 hot wheels toy = \$1.75  5 toys x 1.75 = \$ 8.75  1 box with 5 toys = 6.50</p> <p><math>\\$8.75 - \\$6.50 = \\$2.25</math>  Xyon was able to save \$2.25.</p>

	<p><b>Option A is the correct answer.</b></p>
7	<p>It is true that all squares have four sides, but there are also other shapes that have 4 sides. A shape that has 4 sides does not automatically make it a square.</p> <p><b>Option B is the correct answer.</b></p>
8	 <p>The given piece of the puzzle has its left side lengthier than the right, thus dwindling down our choices to option B or D as shapes that would form a cube. The puzzle has a rectangular strip on its top and bottom. The shape in option D best fits those rectangular strips.</p> <p><b>Option D is the correct answer.</b></p>



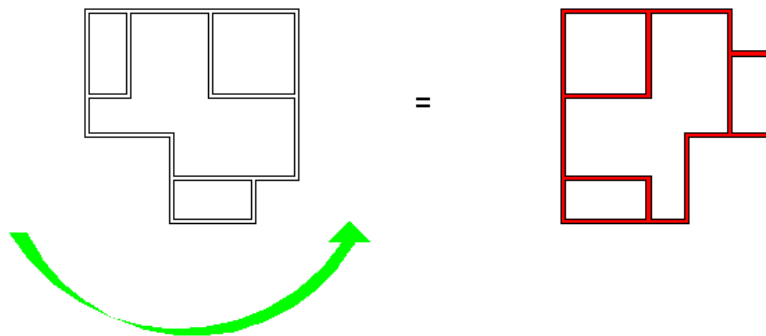
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Let only highlights the top of the wall so that we can observe the floor plan of this level of building



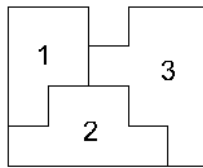
therefore, if we compare the highlighted area of this level of the building to the choices, the only possible floor plan is

D



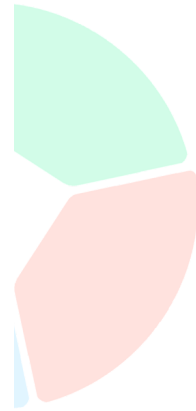
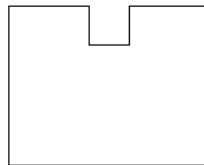
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If we combine the three different shapes together,



The figure that can be formed is

C



Scholarly