

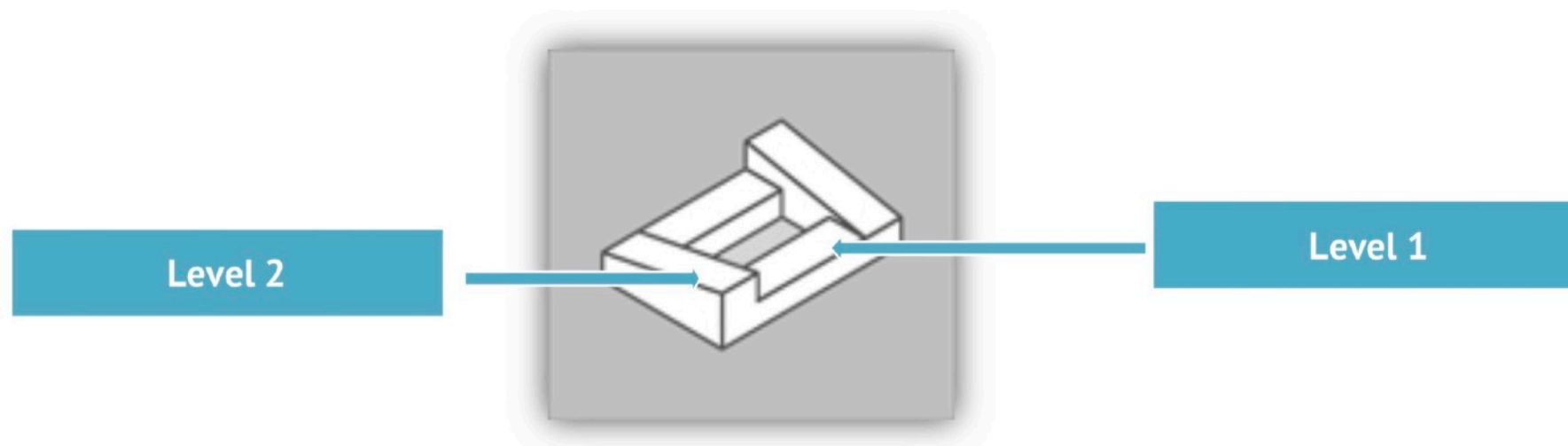
MULTIPLE LEVELS

- Relative heights of 2 or more elements in the object determine keyhole.

DEFINITION

Simple shapes that test your ability to discern different heights / levels. Usually 1 problem on exam.





HOW IT'S MADE? TRICKS?



The questions you must ask are: (1) are those two triangular pieces on the same level or are they are on two completely different planes and (2) how will that affect the shape of the keyhole?



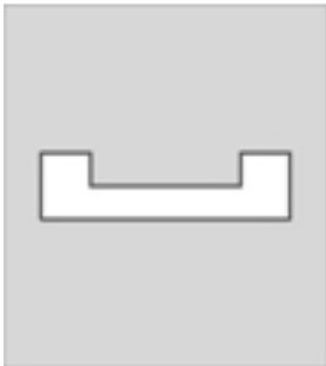
1. LEVELING

The leveling of certain areas in the object and how it is reflected in a certain keyhole’s shape. An example with the FRONT view:

			
EXPLANATION	This keyhole is suggesting they are on different levels. In fact the triangular extension on the top left corner of this keyhole is much too high and should be on the same level as the lower one at the bottom left corner.	This keyhole suggests that the two triangular blocks in the 3D model end at the middle (that their lengths are half of what they really are).	Correct!

2. PROPORTIONS

An element of the keyhole is too wide/thin, long/short, angled incorrectly to reflect the proportionality of the 3D model. An example with the SIDE/END view:

		
EXPLANATION	Don't be too hung up on the leveling! There are plenty of errors that can be strictly proportional. In this problem, the space is much too large between the two rectangular extensions on the left and right of the keyhole.	Correct! This reflects the correct proportional spacing between the two rectangular bars.