



QUESTION 1: ANALYTICAL (CIVIL)

Given:

The floor plan of a dwelling containing a number of drawing or design errors, as well as a list of possible answers.

Instructions:

- Identify the nature of the TEN errors indicated with either a circle or a leader on the floor plan.
- Complete the table by selecting the description that best describes the error from the POSSIBLE ANSWERS and insert only the letter into the space provided on the table.

Note:

Each description can only be used ONCE.

- Complete the schedule of areas.
- 1. Determine the total floor area of the dwelling.
- 2. Determine the internal wall perimeter of the kitchen if the exterior walls are 220 mm thick.
- 3. Determine the total square metres of carpet needed to cover the lounge floor.

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POSSIBLE ANSWERS

- A. Incorrect scale
- B. Too many lines in the window
- C. Should be an internal wall
- D. Top view
- E. Incorrect door detail
- F. Wall too narrow
- G. No floor finish
- H. Door too narrow
- I. Room not the correct size
- J. WC incorrectly located on internal wall
- K. WC incorrectly located behind the door
- L. Line must be removed
- M. Should be an external wall
- N. Incomplete window detail
- O. Incorrect wall detail
- P. Line too thick
- Q. All walls should be hatched
- R. Tiles at incorrect angle
- S. No window

ANSWERS		
1		1
2		1
3		1
4		1
5		1
6		1
7		1
8		1
9		1
10		1

SCHEDULE OF AREAS			
1	TOTAL FLOOR AREA		1
2	TOTAL INSIDE PERIMETER OF KITCHEN		1
3	TOTAL CARPET AREA OF THE LOUNGE		1

EXAMINATION NUMBER	
EXAMINATION NUMBER	
2	