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## PART/5

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Each figure has been made by cementing together cubes of the same size. After being cemented each group was painted on all sides EXCEPT FOR THE BOTTOM ON WHICH IT IS RESTING. The only hidden cubes are those required to support other cubes.

For questions 61 to 75 you are to examine each figure closely to determine how many cubes have:

- only **one** of their sides painted.
- only **two** of their sides painted.
- only **three** of their sides painted.
- only **four** of their sides painted.
- only **five** of their sides painted.

**Note:** There are no problems for which zero (0) is the correct answer.

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**Example:** (Do not mark the answers to this example on your answer sheet)

### PROBLEM Z

In Figure Z how many cubes have two of their exposed sides painted?

- A. 1 cube ← ANSWER
- B. 2 cubes
- C. 3 cubes
- D. 4 cubes
- E. 5 cubes

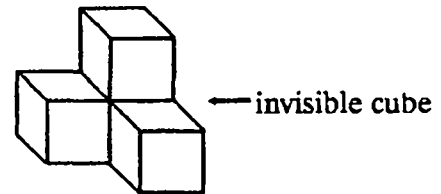


FIGURE Z

There are four cubes in Figure Z. Three that are visible and one supporting the top cube that is invisible. The invisible cube has only two sides painted. The top cube has five sides painted. The remaining two cubes have four sides painted.

Now, proceed to the questions. Darken the circle on your answer sheet that corresponds to the number of cubes that have the different numbers of sides painted. Remember, after being cemented together, each figure was PAINTED ON ALL EXPOSED SIDES EXCEPT THE BOTTOM.

**Proceed to Questions**

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