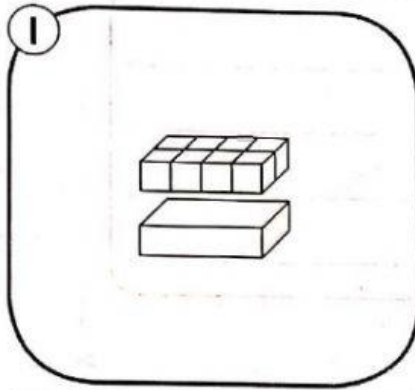
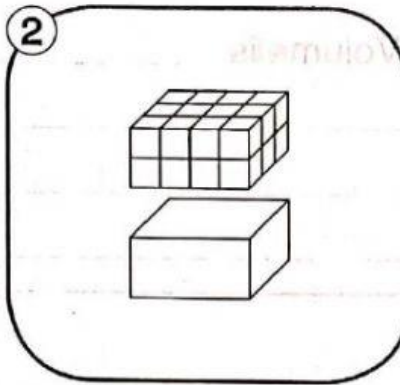


Volume of Solid

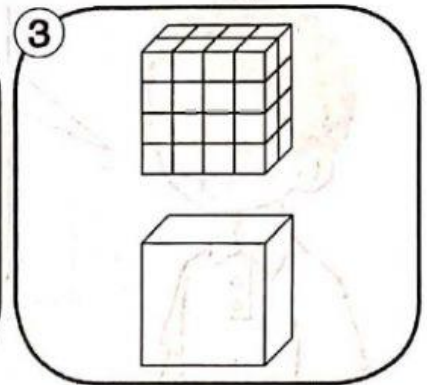
- A. Felix measures the volume of a hollow box by using $1\text{ cm} \times 1\text{ cm} \times 1\text{ cm}$ cubes. Choose the correct volume of each hollow box.



The volume of the hollow box is _____



The volume of the hollow box is _____



The volume of the hollow box is _____

6 cm

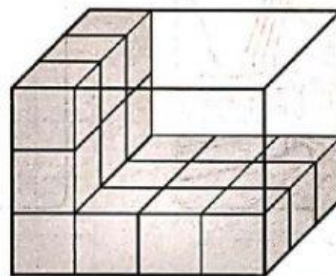
32 cm^3

10 cm^2

24 cm^3

8 cm^3

- B. Felix fills several $1\text{ cm} \times 1\text{ cm} \times 1\text{ cm}$ cubes into a hollow box.



- 1 Based on the diagram, what is the volume of the hollow box?

- 2 How many $1\text{ cm} \times 1\text{ cm} \times 1\text{ cm}$ cubes are needed to fill the hollow box completely?
