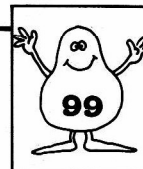
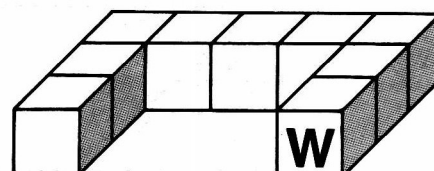
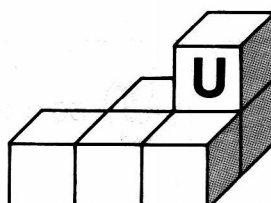
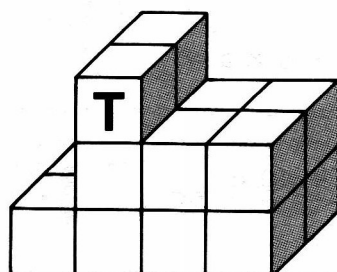
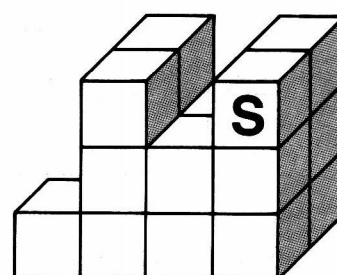
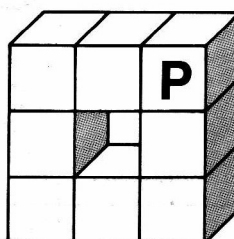
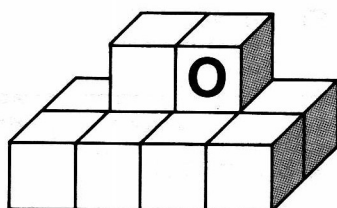
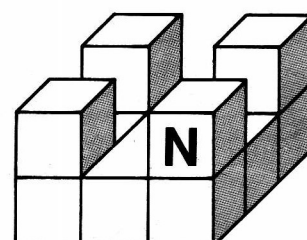
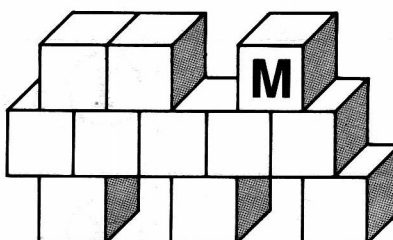
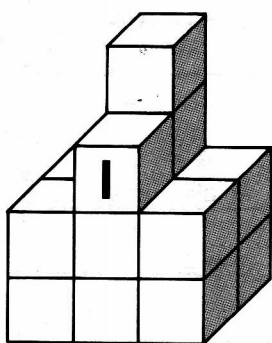
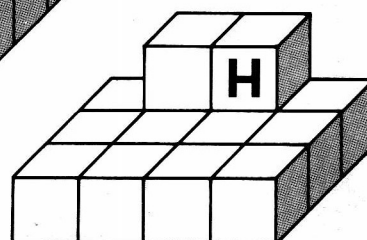
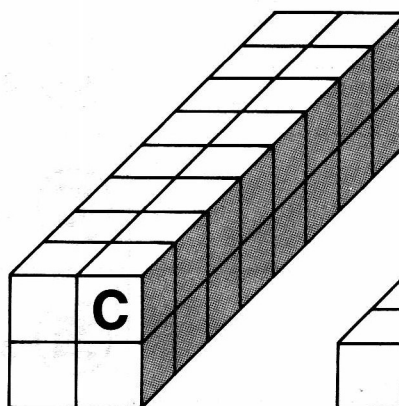
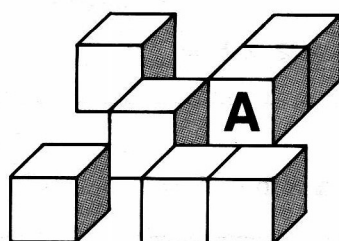


# What is a volcano?

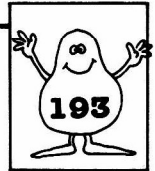


Each cube shown below represents  $1 \text{ cm}^3$ . Find how many  $\text{cm}^3$  there are in each solid shown. The answer and each letter give the puzzle code.

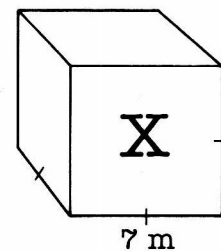
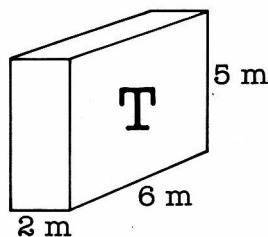
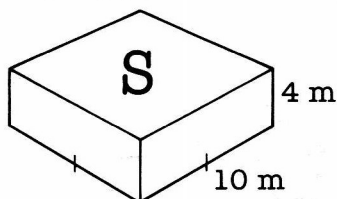
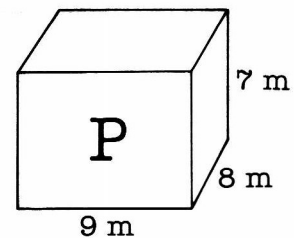
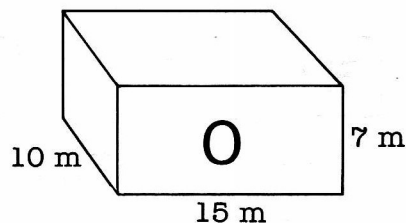
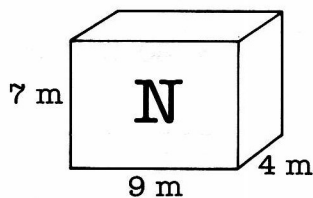
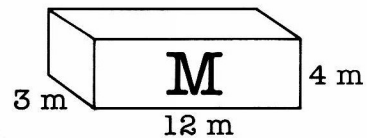
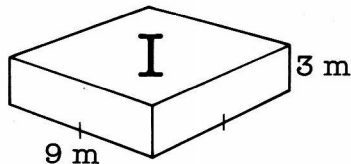
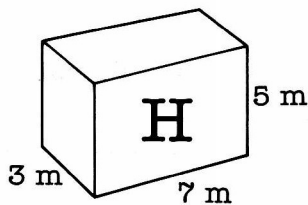
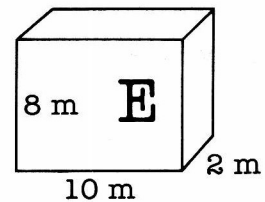
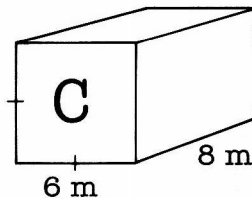
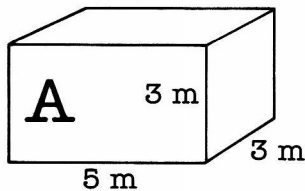
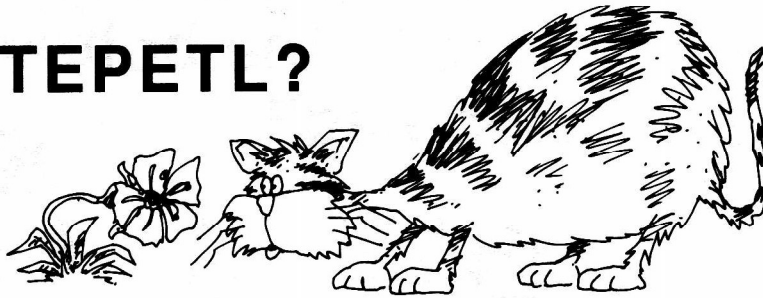


7 cm <sup>3</sup>	11 cm <sup>3</sup>	10 cm <sup>3</sup>	6 cm <sup>3</sup>	13 cm <sup>3</sup>	16 cm <sup>3</sup>	7 cm <sup>3</sup>	15 cm <sup>3</sup>	13 cm <sup>3</sup>		
9 cm <sup>3</sup>	15 cm <sup>3</sup>	16 cm <sup>3</sup>	14 cm <sup>3</sup>	14 cm <sup>3</sup>	15 cm <sup>3</sup>	32 cm <sup>3</sup>	32 cm <sup>3</sup>	6 cm <sup>3</sup>	8 cm <sup>3</sup>	17 cm <sup>3</sup>

# What is POPOCATEPETL?



CALCULATE THE VOLUME OF THE CUBOIDS GIVEN TO DISCOVER THE PUZZLE ANSWER CODE.



60 m <sup>3</sup>	105 m <sup>3</sup>	160 m <sup>3</sup>	400 m <sup>3</sup>	160 m <sup>3</sup>	288 m <sup>3</sup>	1050 m <sup>3</sup>	252 m <sup>3</sup>	D
105 m <sup>3</sup>	243 m <sup>3</sup>	G	105 m <sup>3</sup>	160 m <sup>3</sup>	400 m <sup>3</sup>	60 m <sup>3</sup>	144 m <sup>3</sup>	1050 m <sup>3</sup>
U	252 m <sup>3</sup>	60 m <sup>3</sup>	45 m <sup>3</sup>	243 m <sup>3</sup>	252 m <sup>3</sup>	504 m <sup>3</sup>	160 m <sup>3</sup>	45 m <sup>3</sup>
K	243 m <sup>3</sup>	252 m <sup>3</sup>	144 m <sup>3</sup>	160 m <sup>3</sup>	343 m <sup>3</sup>	243 m <sup>3</sup>	288 m <sup>3</sup>	1050 m <sup>3</sup>