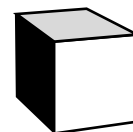
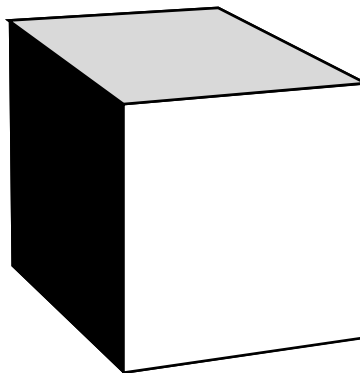


# Comparing Cubes

Sofia has two solid cubes made of the same material. One cube is very large, and the other cube is very small. Put an X next to all the statements you think are true about the two cubes.



- A.** The large cube has more mass than the small cube.
- B.** The large cube has less mass than the small cube.
- C.** The large cube melts at a higher temperature than the small cube.
- D.** The large cube melts at a lower temperature than the small cube.
- E.** The density of the large cube is greater than the small cube.
- F.** The density of the large cube is less than the small cube.
- G.** The large cube has more volume than the small cube.
- H.** The large cube has less volume than the small cube.
- I.** The large cube has bigger atoms than the small cube.
- J.** The large cube has smaller atoms than the small cube.

Explain your thinking. Describe the “rule” or reasoning you used to compare the cubes.

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