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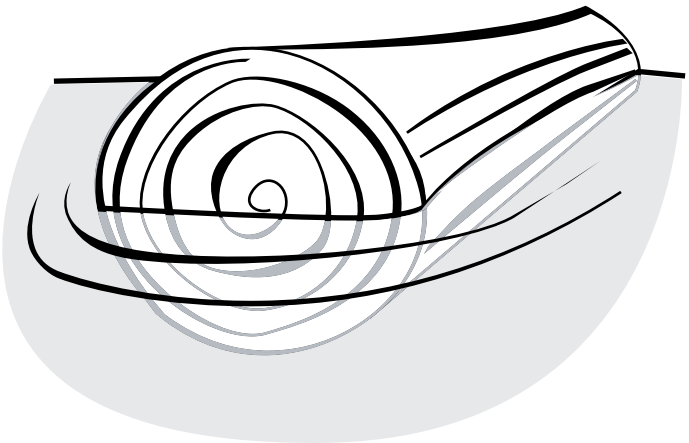
Floating Logs



A log was cut from a tree and put in water. The log floated on its side so that half the log was above the water surface. Another log was cut from the same tree. This log was twice as long and twice as wide. How does the larger log float compared with the smaller log? Circle the best answer:

A More than half of the larger log floats above the water surface.

B Half of the larger log floats above the water surface.

C Less than half of the larger log floats above the water surface.

Explain your thinking. Describe the "rule" or the reasoning you used for your answer.

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