Spicy Question #48

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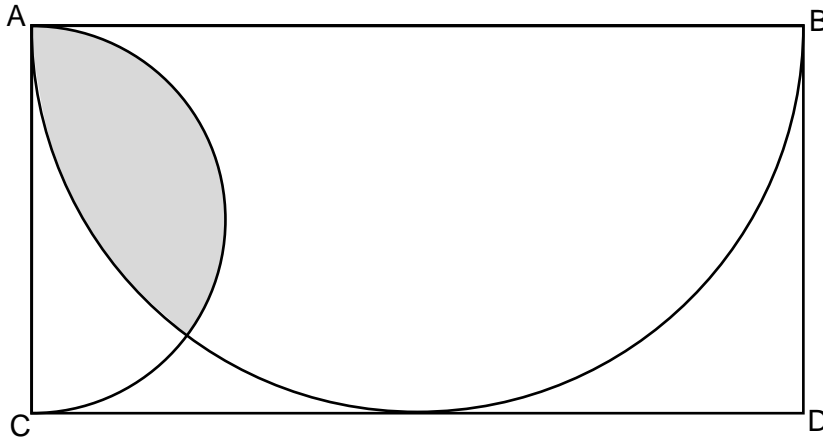
🖩 Calculator allowed

ABCD is a rectangle.

Two semicircles are drawn inside the rectangle.

The line AB is the diameter of the larger semicircle.
The line CD is a tangent to the larger semicircle.
The line AC is the diameter of the smaller semicircle.

Calculate the percentage of the rectangle that is shaded.
Give your answer to 4 decimal places.