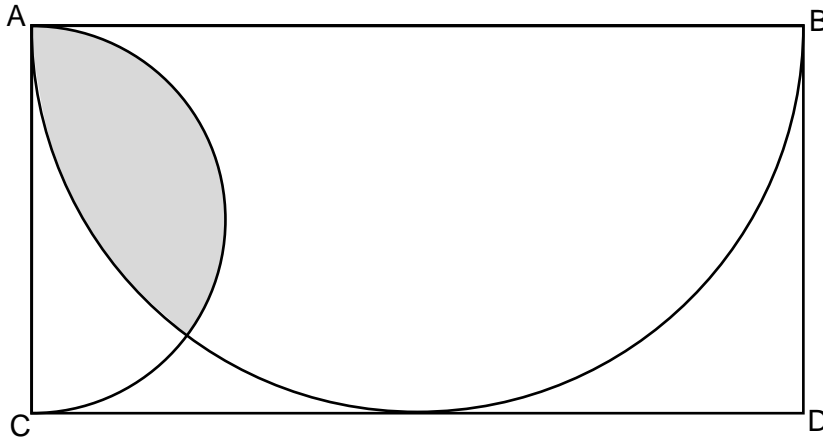


Spicy Question #48



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.

SUBMISSION DEADLINE 26/2/23 - 7PM

Video
Solution



All submissions to be emailed to 1stclassmaths@gmail.com

Full terms and conditions: www.1stclassmaths.com/spicy-questions