

Problem of the Week

Problem D

A Colourful View

The diagram represents a large semicircular stained glass window. The diameter of the largest semicircle is 5 m, the diameter of the middle semicircle is 3 m, and the diameter of the smallest semicircle is 1 m. All of the blue areas, marked B , are equal and all of the red areas, marked R , are equal.

Determine the ratio of one area marked R to one area marked B .

