

Spicy Question #16



The diagram below shows the graphs with the following equations:

$$x^2 + y^2 = 49$$

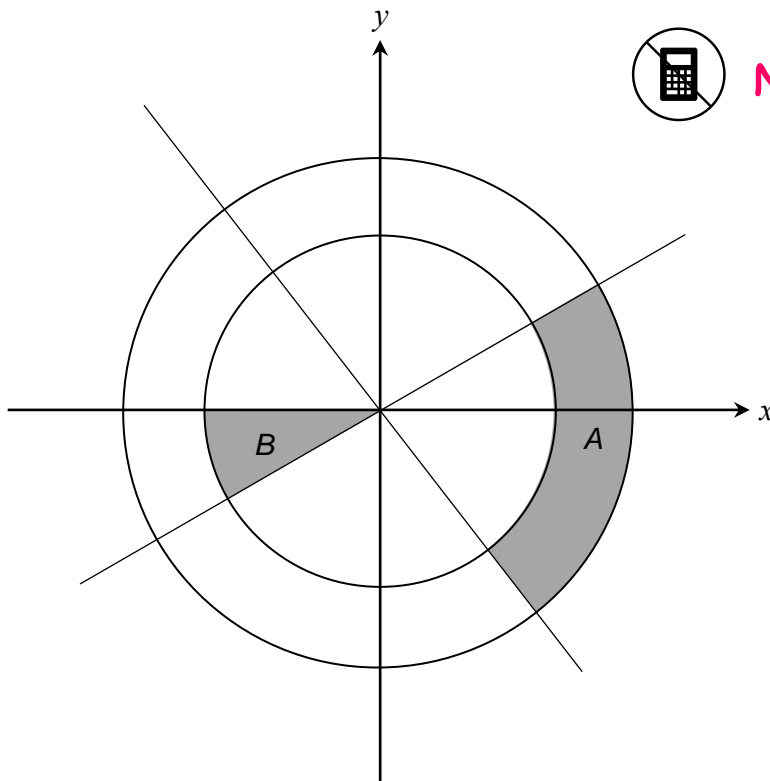
$$x^2 + y^2 = 25$$

$$y = -\sqrt{3}x$$

$$y = \frac{x}{\sqrt{3}}$$



NO Calculator



The ratio of the area of region A to the ratio of region B = $a : b$
where a and b are integers, and the ratio is in its simplest form.

Find the values of a and b .

SUBMISSION DEADLINE 25/1/23 - 7PM

Video
Solution



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

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