Dr Oliver Mathematics Worked Examples Shaded Area 5

From: Edexcel GCSE Mathematics 2022 Paper 1H (Non-Calculator)

1. The diagram shows three circles, each of radius 4 cm.

The centres of the circles are A, B, and C such that ABC is a straight line and

AB = BC = 4 cm.

(5)



Work out the total area of the two shaded regions. Give your answer in terms of π .













