

Download Find The Area Of The Shaded Region

Find the area of the shaded region: Solution: Step 1: Find area of inner square = $2 \text{ cm} \times 2 \text{ cm} = 4 \text{ cm}^2$. Step 2: Find area of outer shape = $(2 \text{ cm} \times 3 \text{ cm}) + (10 \text{ cm} \times 3 \text{ cm}) = 6 \text{ cm}^2 + 30 \text{ cm}^2 = 36 \text{ cm}^2$. Step 3: Area of shaded region = area of outer shape – area of inner square. = $36 \text{ cm}^2 - 4 \text{ cm}^2$. This geometry video tutorial explains how to calculate the area of the shaded region of circles, rectangles, triangles, and squares. The first example explains how to calculate the area of the ...Here's a fun one: find the area of a shaded region where you first determine the area of a square and then the area of a circle. Created by Sal Khan. Area and circumference challenge problems. Finding circumference of a circle when given the area. Find the areas of shaded regions which are combinations of squares, triangles, and circles. If you're seeing this message, it means we're having trouble loading external resources on our website. If you're behind a web filter, please make sure that the domains *.kastatic.org and *.kasandbox.org are unblocked., Find The Area Of The Shaded Region.

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