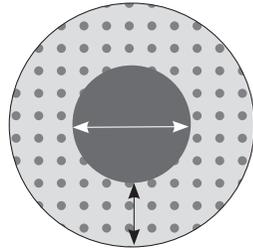# CONSOLIDATION – PART 2

FORMULAE

Area, Volume and Conversions

From Part 1: Circular speed limit sign stuck in the centre of a circular metal backing with a spacing of 6 cm between the sticker and edge of the metal:
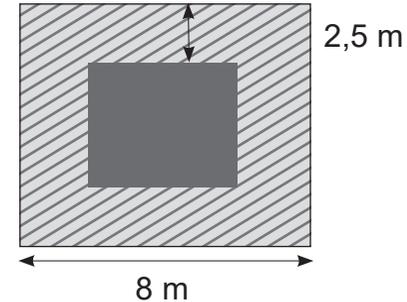
Diameter = 42 cm

Spacing = 6 cm

From Part 1: Square pool, with a depth of 1,7 m; in a square garden; with a 2,5 m paving all around the pool:

2,5 m

8 m

2. Determine the area of the speed limit sticker in cm², using the formula: **Area = $\pi \times$ (radius)²**; where π = 3,142

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2. Determine the volume of the pool in cm³, using the formula: **Volume = length $\times$ breadth $\times$ depth**

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3. Convert the area into m².

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3. Convert the volume into cm³.

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