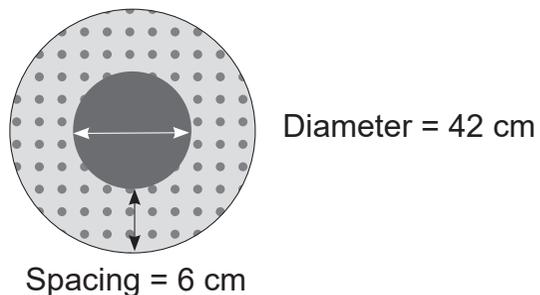


CONSOLIDATION – PART 1

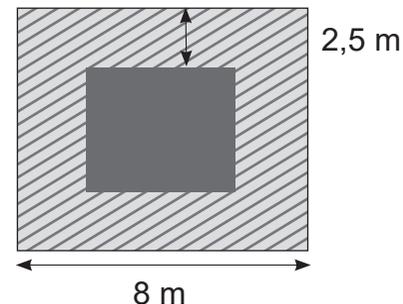
DIMENSIONS

Inner vs Outer Dimensions

Aldon is making a circular speed limit sign sticker, which measures 42 cm in diameter. The sticker will then be stuck in the centre of a circular metal backing, with a 6 cm space between the edge of the sticker and the edge of the metal backing, as shown below:



Rebecca would like to install a square pool, with a depth of 1,7 m, in her square garden which measures 8 m \times 8 m. She needs to have a 2,5 m paving all around the pool, as shown below:



1. Determine the radius of the metal backing.

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1. Determine the dimensions of the pool.

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