

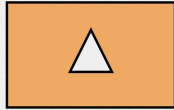


## Find the Area

Solve the word problems, using scrap paper and a calculator if needed

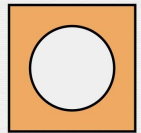
Lily and Alyssa meet for a coffee on Lily's patio. The patio is 7m by 3m. They are sitting at a triangular table. The top of the triangular table is 1.5m high and has a base of 1.5m. What's the area of the visible part of the patio?

Write your answer here  $m^2$



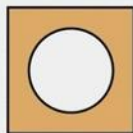
Natalie's garden is square. Each side is 20 meters. There is a circular fountain in the middle of this garden. It has a radius of 1.6 m. The rest of the garden is lawn. What's the area of the visible part of lawn?

Write your answer here  $m^2$



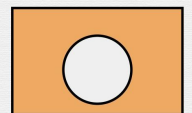
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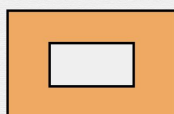
A tray measures 35cm by 24cm. A round plate is placed on it that has a radius of 10 cm. What's the area of the visible part of the tray?

Write your answer here  $cm^2$



A rectangular rug, placed in the center of a rectangular living room, leaves a 1m edge of wooden floor uncovered. If the living room is 9m by 12m, what's the area of the part of the wooden floor not covered by the rug?

Write your answer here  $m^2$



Caitlin's clock is triangular. Its base measures 21cm and its height measures 27cm. It has a round face where the numbers are. This round face has a radius that measures 7cm. What's the area of the part that separates the triangle from the circle?

Write your answer here  $cm^2$

