

Mathematics

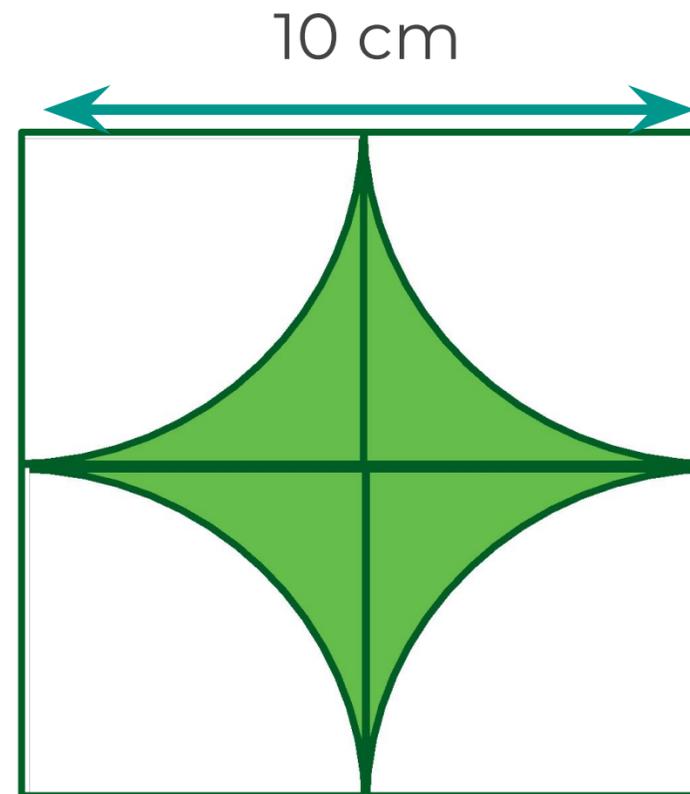
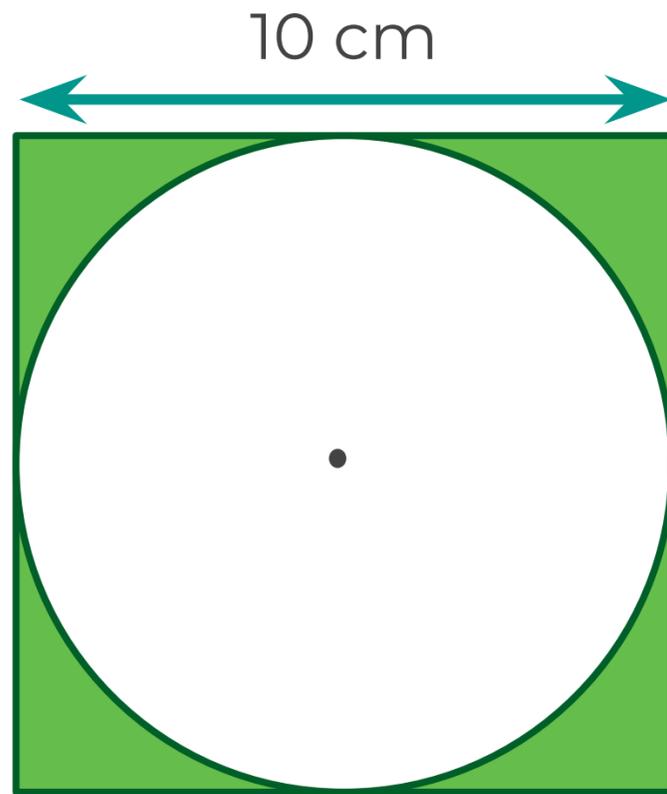
Compound area problems

Mr Coward



Try this

Explain why the shaded area in each picture is the same.

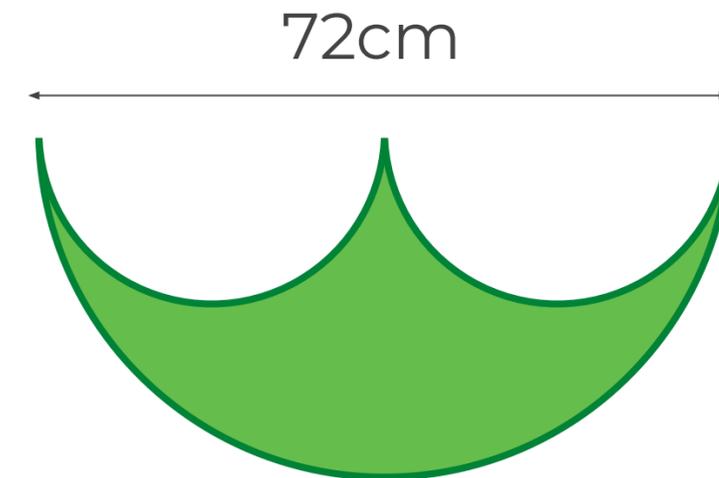
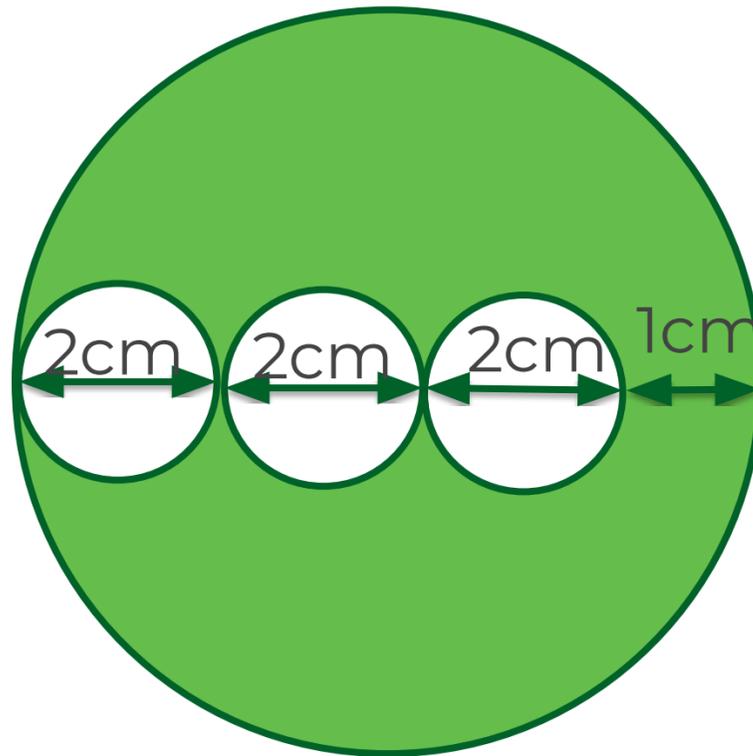
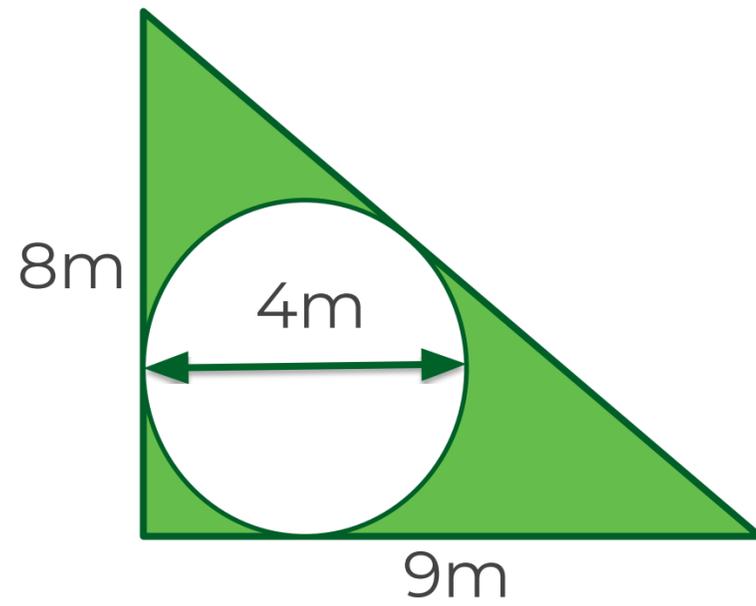


Can you calculate the shaded area?



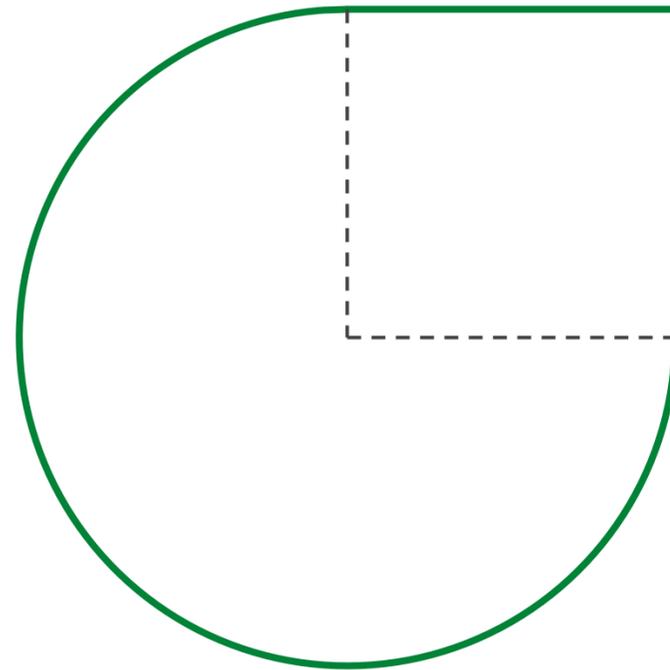
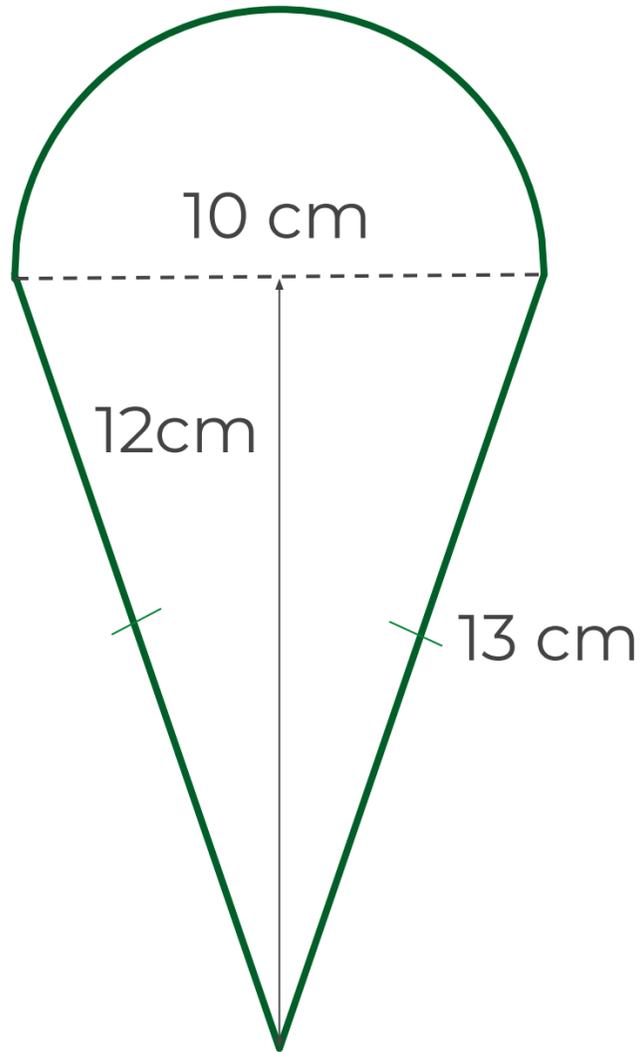
Independent task

1) Find the area of the shaded section

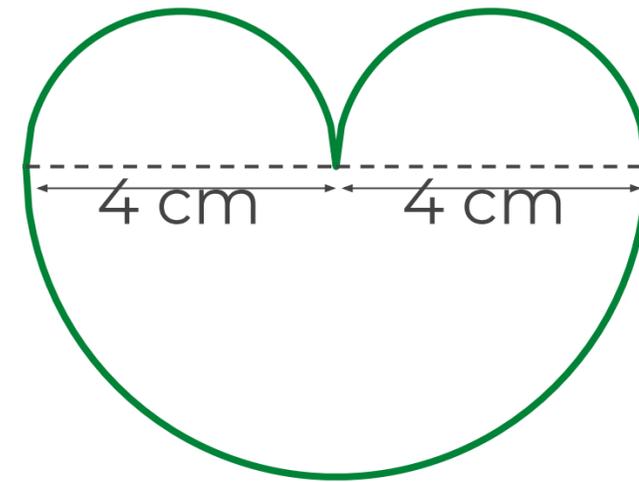


Independent task

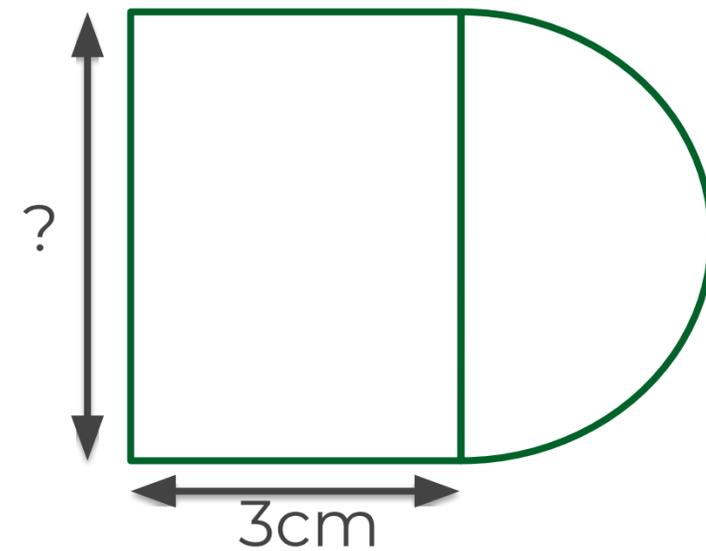
2) Find the area of these compound shapes



Perimeter of square = 32 cm



Perimeter = $11 + 5\pi$ cm



Explore

In which picture is the biggest area shaded?

