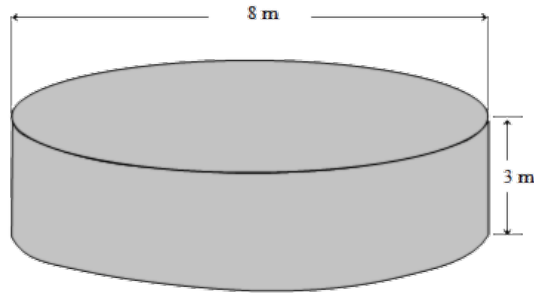


Painting a water tank

This task is about calculating the surface area of the sides and top of a cylinder.

Area of circle = πr^2
Circumference of circle = $2\pi r$
Volume of cylinder = area of base \times height
Area of rectangle = height \times length



Jordan painted this water tank with one coat of paint.

- First he painted the top.
- Then he painted the sides.

Show how to work out the **area** he painted (show **all** of your working, including any diagrams).

The area Jordan painted was _____ m²