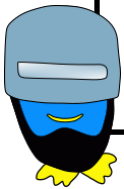
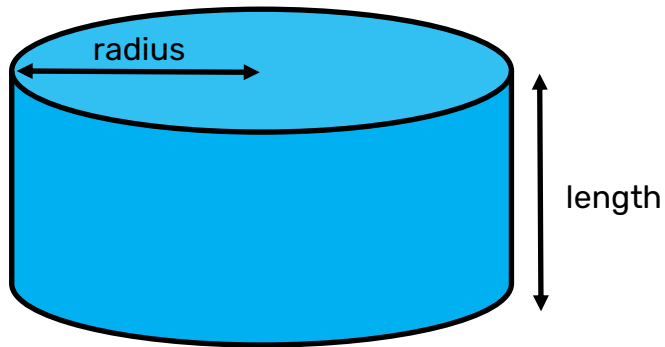


Robot Maths - Volume (cylinders)

Example: Work out the volume of this cylinder



Yes



Work out the area of the cross-section (the front face)

The area of a circle is $\pi \times r^2$



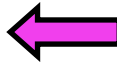
Volume of a cylinder
= area of the cross-section x length

Have the dimensions been given the same unit of measurement (e.g. are they all measured in metres)?

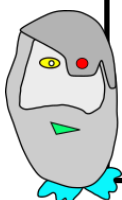
No



Convert the dimensions so that they have the same unit of measurement



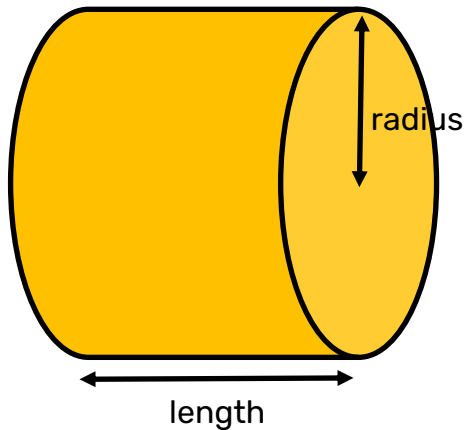
Make your final answer clear using a full sentence, including the correct unit of measurement



The volume of the cylinder is

Robot Maths - Volume (cylinders)

Example: Work out the volume of this cylinder



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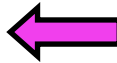
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Make your final answer clear using a full sentence, including the correct unit of measurement



The volume of the cylinder is

