

WHAT A WASTE – Worksheet 3

Measuring the Volume of the Waste

**** Before handling any waste you must put your protective gloves on****

Most of the recyclable waste will have been crushed. You will have to decide what basic shape it is now then use one of the formulae below to calculate the volume. Use a ruler to make the necessary measurements and a calculator to work out the total volume.

Volume cylinder = Area of circular base x height = pi x radius² x height = 3.14 x radius x radius x height

Volume rectangular prism = length x width x height (You can use this formula for cubes as well)

Record your results in the table below.

ITEM DESCRIPTION AND CALCULATION OF VOLUME	NUMBER OF ITEMS	TOTAL VOLUME