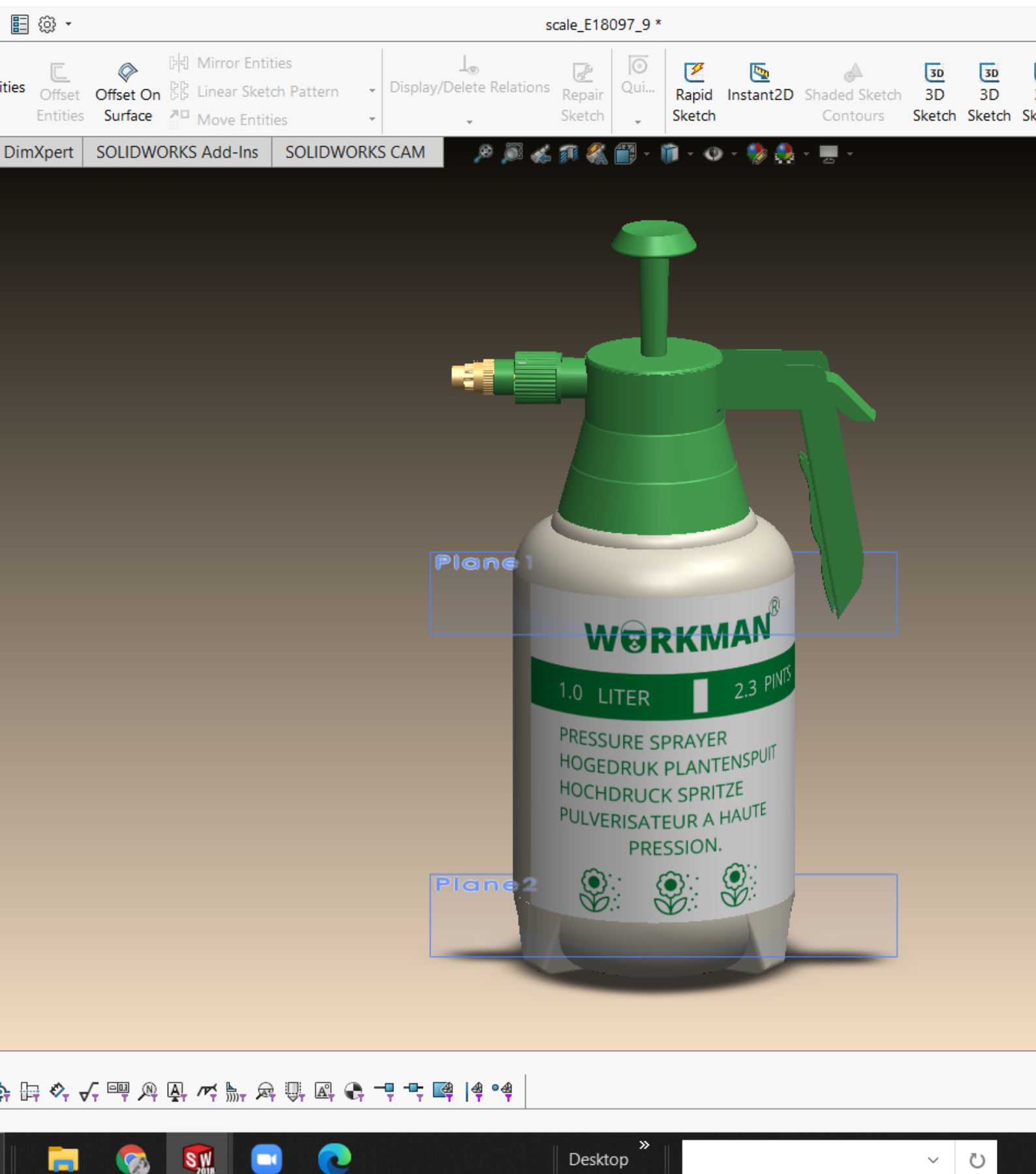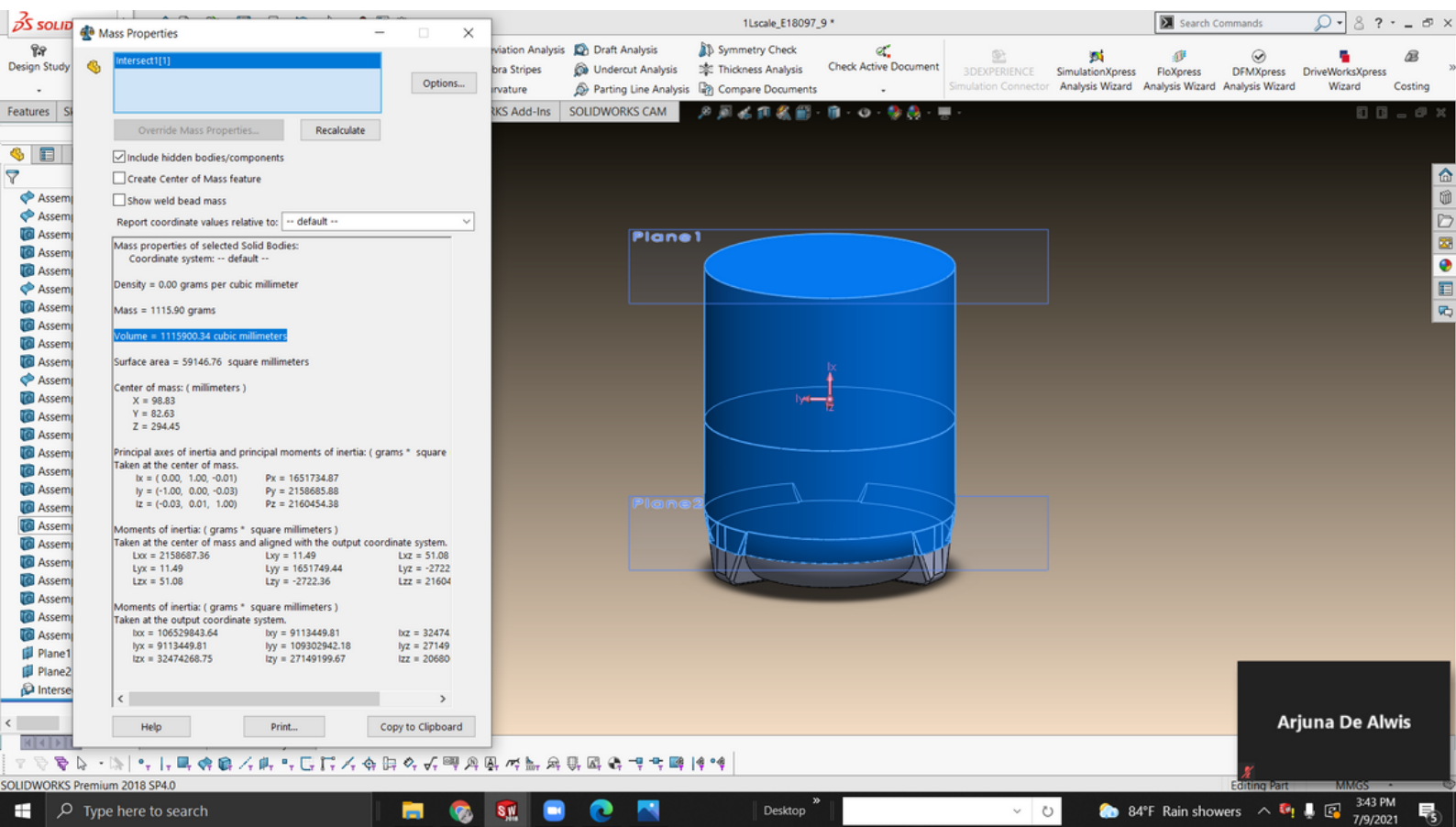Find the volume of the bottle.
Obtain three sprayers of 1.5 L, 2 L and 3 L capacities.

E18097

plane1 to plan2 :   tilll we want to measure the volume

we get a solid body as a volume of internal area

We get 1.11590034 L

it is approximately 1L

Mass Properties

Intersect1[1]

Options...

Override Mass Properties...   Recalculate

☑ Include hidden bodies/components

☐ Create Center of Mass feature

☐ Show weld bead mass

Report coordinate values relative to: | -- default -- ⌄

```
Mass properties of selected Solid Bodies:
    Coordinate system: -- default --

Density = 0.00 grams per cubic millimeter

Mass = 1115.90 grams

Volume = 1115900.34 cubic millimeters

Surface area = 59146.76  square millimeters

Center of mass: ( millimeters )
    X = 98.83
    Y = 82.63
    Z = 294.45

Principal axes of inertia and principal moments of inertia: ( grams *  square
Taken at the center of mass.
    Ix = ( 0.00,  1.00, -0.01)        Px = 1651734.87
    Iy = (-1.00,  0.00, -0.03)        Py = 2158685.88
    Iz = (-0.03,  0.01,  1.00)        Pz = 2160454.38

Moments of inertia: ( grams *  square millimeters )
Taken at the center of mass and aligned with the output coordinate system.
    Lxx = 2158687.36           Lxy = 11.49                Lxz = 51.08
    Lyx = 11.49                Lyy = 1651749.44           Lyz = -2722
    Lzx = 51.08                Lzy = -2722.36             Lzz = 21604

Moments of inertia: ( grams *  square millimeters )
Taken at the output coordinate system.
    Ixx = 106529843.64         Ixy = 9113449.81           Ixz = 32474
    Iyx = 9113449.81           Iyy = 109302942.18         Iyz = 27149
    Izx = 32474268.75          Izy = 27149199.67          Izz = 20680
```
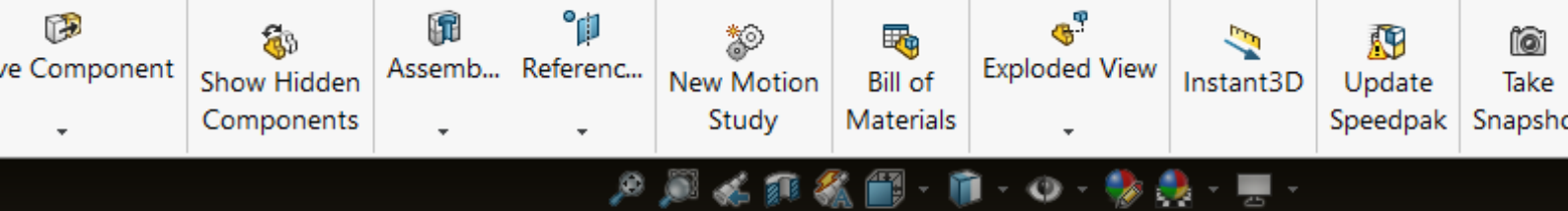
Help   Print...   Copy to Clipboard

Component | Show Hidden Components | Assemb... | Referenc... | New Motion Study | Bill of Materials | Exploded View | Instant3D | Update Speedpak | Take Snapshot | Large A...

WORKMAN®

1.5 LITER
PRESSURE SPRAYER
HOGEDRUK PLANTENSPUIT
HOCHDRUCK SPRITZE
PULVERISATEUR A HAUTE
PRESSION.

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2.0 LITER
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PRESSURE SPRAYER
HOGEDRUK PLANTENSPUIT
HOCHDRUCK SPRITZE
PULVERISATEUR A HAUTE
PRESSION.

Desktop

1.5L   2.0L   3.0L

1L   1.5L   2.0L   3.0L

OUR BOTTLES