

How much space does this book take up on the table?

The space a prism takes up on a table is the area of its base.

A = L x W

= cm x cm

= cm²

How much sand would I need to fill this box?

The space filled inside a prism is it's volume.

V = L x W x H

V = cm x cm x cm

= cm^3



A pizza box has these dimensions. L 30 cm W 32 cm H 5 cm

How much space does this pile of boxes take up on the table?

What is the volume of the pizza boxes combined?

We measure the volume in: m^3 m^2 kg

We measure capacity in: m^3 m^2 L

We measure area in: m^3 m^2 cm

We measure mass in: m^3 m^2 kg L g



L = 3m

W = 2m

H = 50 cm

50 cm = m

How much space does this sandpit take up in the yard?

= x

= x

= m^2

How much sand would I need to fill this box?

= x x

= x x

= m^3



L = 5m

W = 4m

H = 70 cm

70 cm = m

How much space does this sandpit take up in the yard?

= x

= x

= m^2

How much sand would I need to fill this box?

= x x

= x x

= m^3

LIVEWORKSHEETS