

MA 8.4.4 - Use formulas to determine the SA + V of cylinders.

Miyasato

Essential Question:

What is the SA formula of the parts that make up the net of a cylinder?

Questions:

SA?

Notes:

surface area

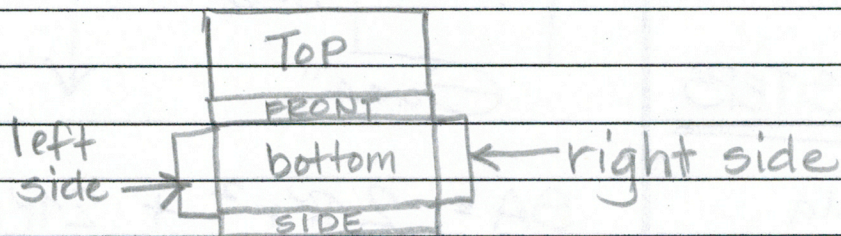
unit of measure?
(FOLDING Measurement)

always squared

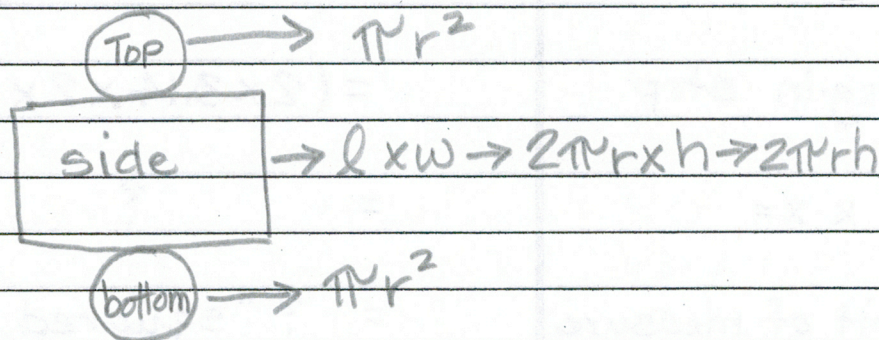
net?

A flat pattern that forms a three-dimensional shape when folded. Take a volume and flatten it.

Net of a chalkboard eraser (rectangular prism)



CYLINDER



- Binder Reminder
4 circle formula
- string 4 $2\pi r$
circumference

Summary:

(See Binder Reminder)

$$SA_{cyl} = 2\pi r^2 + 2\pi rh$$