What's Going On?

Checking In

Minds on Surface Area Formulas

Action! Surface Area Formulas Revisited

Consolidation Surface Area 2.0

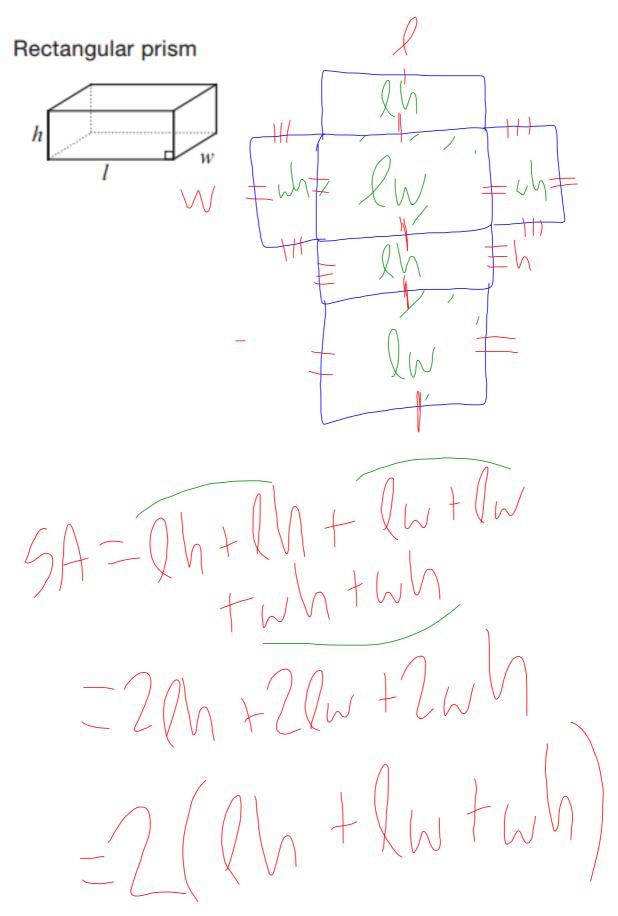
Learning Goal - I will be able to calculate the surface area of geomeric solids and composite figures.

Checking In

Questions?

Minds on

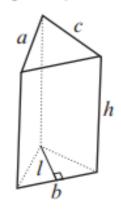
Surface Area Formulas



Minds on

Surface Area Formulas

Triangular prism

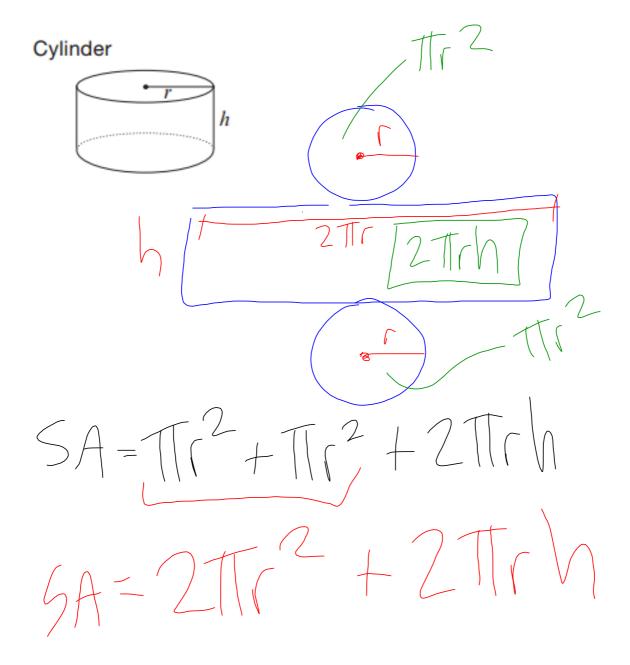


 $\frac{h}{4b+c}$ $\frac{h}{2}$ $\frac{h}{2}$

A=Dl+h(a+b+c)

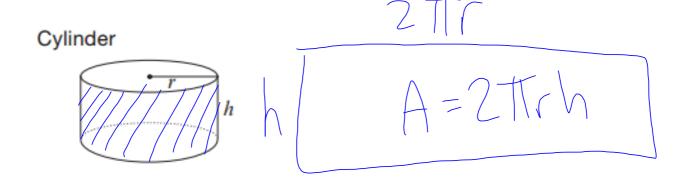
Minds on

Surface Area Formulas



Minds on

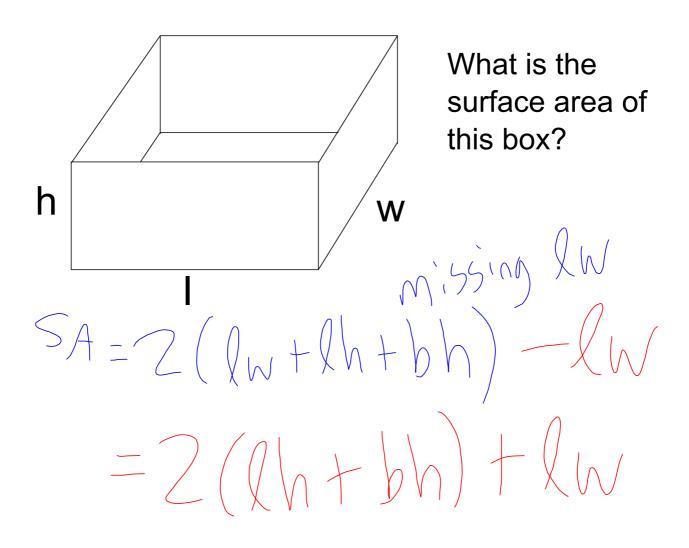
Surface Area Formulas



lateral face - surface of a three-dimensional object that is not a base.

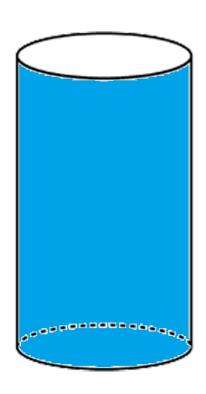
Action!

Surface Area Formulas Revisited



Action!

Surface Area Formulas Revisited

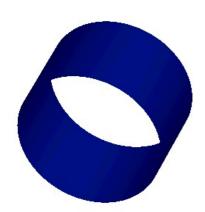


What is the surface area of this cylinder? (no top)

5A = 27/11 2 + 2/11/1

Action!

Surface Area Formulas Revisited



What is the surface area of this cylinder? (no top or bottom!)

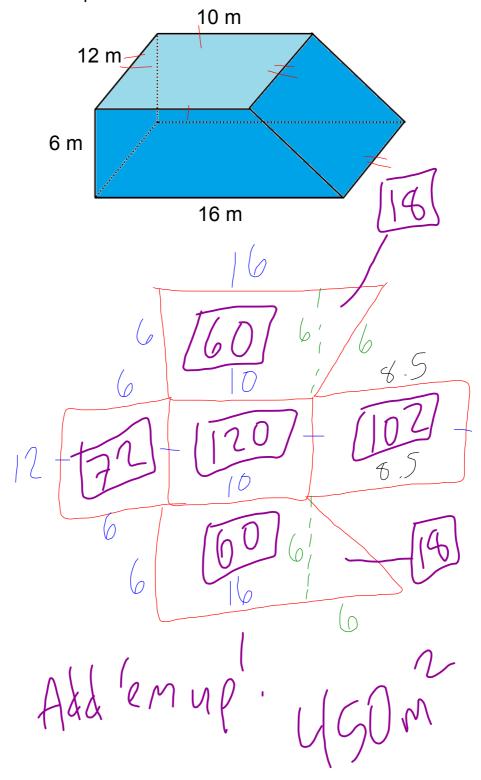
5A=111111

Consolidation

Surface Area 2.0

The outside of the object below is going to be painted. Determine the surface area to be painted. Do not include the bottom.

Start by sketching a net diagram including all of the surfaces that will be painted.



Consolidation

Homework

*Want a challenge? Try **any** of the extend problems.

Today: #14 looks good!