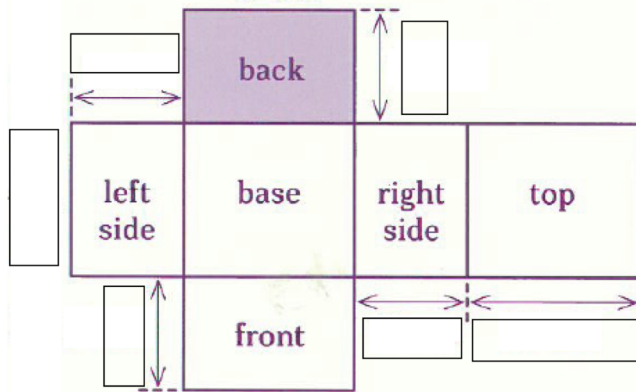
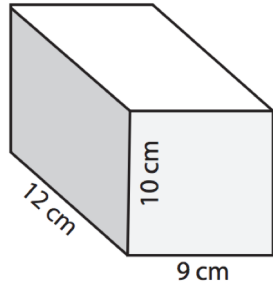


Name: _____

Surface Area – Prisms and Cylinders

Rectangular Prism



Colour in the face shape.

Front & Back: Area = $\underline{\quad} \times \underline{\quad} = \underline{\quad} \text{ cm}^2$

Base & Top: Area = $\underline{\quad} \times \underline{\quad} = \underline{\quad} \text{ cm}^2$

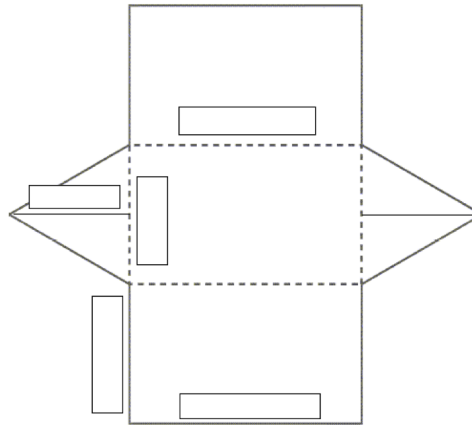
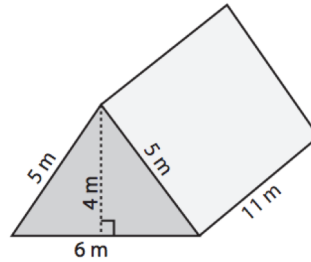
Left & Right: Area = $\underline{\quad} \times \underline{\quad} = \underline{\quad} \text{ cm}^2$

Surface Area

= $2 \times (\underline{\quad} + \underline{\quad} + \underline{\quad})$

= $\underline{\quad} \text{ cm}^2$

Triangular Prism



Colour in the face shape.

Front & Back: Area = $0.5 \times \underline{\quad} \times \underline{\quad} = \underline{\quad}$
(Triangle) $2 \times \underline{\quad}$

= $\underline{\quad} \text{ m}^2$

Base: Area = $\underline{\quad} \times \underline{\quad} = \underline{\quad} \text{ m}^2$

Sides: Area = $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

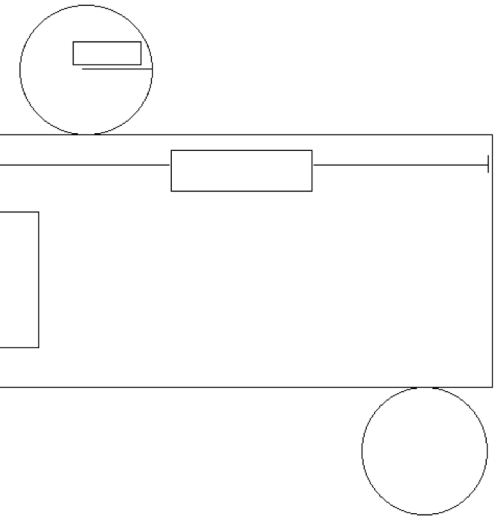
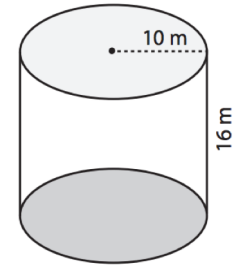
$2 \times \underline{\quad}$
= $\underline{\quad} \text{ m}^2$

Surface Area

= $(\underline{\quad} + \underline{\quad} + \underline{\quad})$

= $\underline{\quad} \text{ cm}^2$

Cylinder



Colour in the face shape.

Hint: $SA = 2\pi r^2 + \pi r^2 h$

Top and Bottom: Area = $\pi \times r \times r$
= $3.14 \times \underline{\quad} \times \underline{\quad}$
= $\underline{\quad} \text{ m}^2$

Rectangle: Area = $2 \times \pi \times r \times h$
= $2 \times 3.14 \times \underline{\quad} \times \underline{\quad}$
= $\underline{\quad} \text{ m}^2$

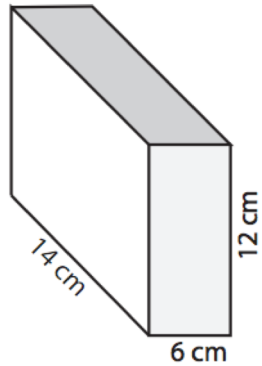
Surface Area

= $(2 \times \underline{\quad}) + \underline{\quad}$

= $\underline{\quad} \text{ cm}^2$

Try on your own – Prisms and Cylinders

Rectangular Prism



Colour in the face shape.

Front & Back:

Base & Top:

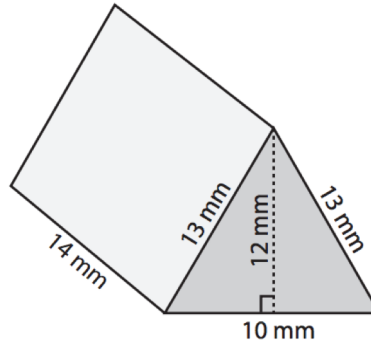
Left & Right:

Surface Area

=

=

Triangular Prism



Colour in the face shape.

Front & Back:

Base:

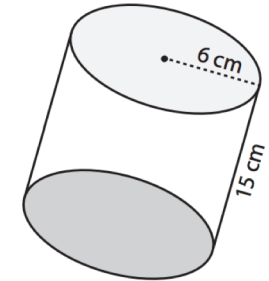
Sides:

Surface Area

=

=

Cylinder



Colour in the face shape.

Hint: $SA = 2\pi r^2 + \pi r^2 h$

Top and Bottom:

Rectangle:

Surface Area

=

=