

Name _____ Date _____

9.1-9.3 – Review - Classwork

1) What are the formulas for the following:

Circumference =

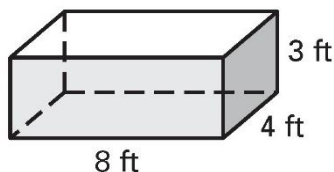
Area of a Rectangle =

Area of a Parallelogram =

Area of a Triangle =

Area of a Circle =

2)



a) What is the name of this figure? _____

b) Draw a net of this figure:

c) How many total faces does this figure have? _____ h) Find the surface area of this figure.

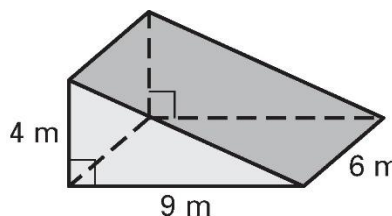
d) What is the shape of the base? _____

e) What is the shape of the lateral faces? _____

f) How many lateral faces are there? _____

g) To find the total surface area of this figure, how many different faces do you have to find? _____

2)



a) What is the name of this figure? _____

b) Draw a net of this figure:

c) How many total faces does this figure have? _____ i) Find the surface area of this figure.

d) What is the shape of the base? _____

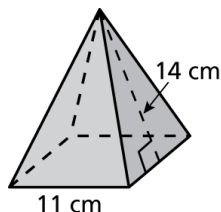
e) How many bases are there? _____

f) What is the shape of the lateral faces? _____

g) How many lateral faces are there? _____

h) To find the total surface area of this figure, how many different faces do you have to find? _____

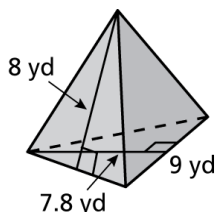
3)



- a) What is the name of this figure? _____
- b) Draw a net of this figure: _____

- c) How many total faces does this figure have? _____
- d) What is the shape of the base? _____
- e) What is the shape of the lateral faces? _____
- f) How many lateral faces are there? _____
- g) To find the total surface area of this figure, how many different faces do you have to find? _____
- h) Find the surface area of this figure. _____

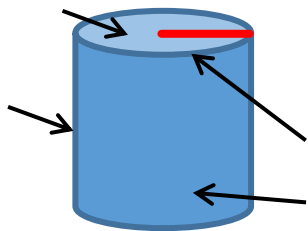
4)



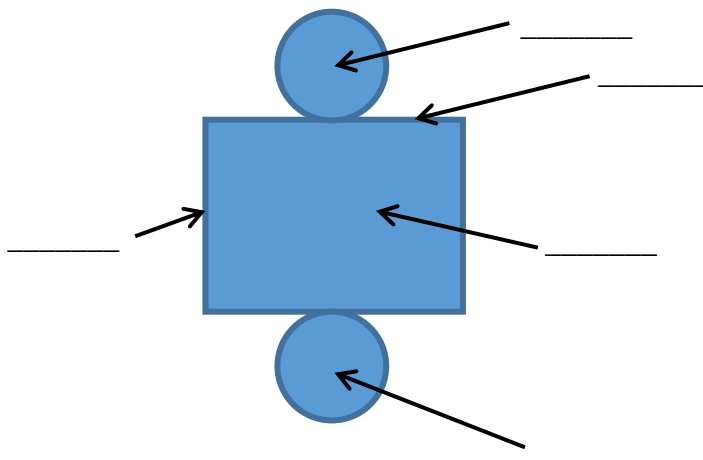
- a) What is the name of this figure? _____
- b) Draw a net of this figure: _____

- c) How many total faces does this figure have? _____
- d) What is the shape of the base? _____
- e) What is the shape of the lateral faces? _____
- f) How many lateral faces are there? _____
- g) To find the total surface area of this figure, how many different faces do you have to find? _____
- h) Find the surface area of this figure. _____

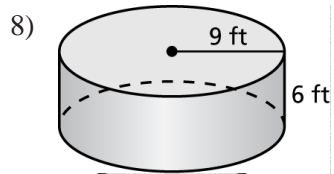
5) Label the parts of the cylinder



6) Write a formula for each of the indicated part of the net.



7) What is the surface area formula for a cylinder? _____



a) Draw a net of this figure:

b) What is the shape of the base? _____

f) Find the surface area of this figure.

c) How many bases are there? _____

e) What is the shape of the lateral surface if you flattened it out? _____