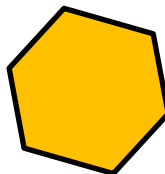
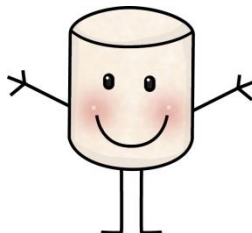
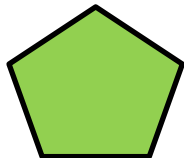
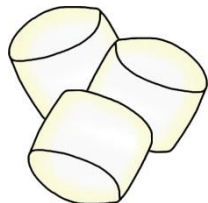


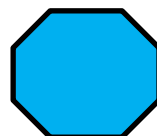
Name _____ # _____

Date _____

Marshmallow Geometry



2-D SHAPES



Create the following 2-dimensional shapes with marshmallows and toothpicks. Draw the shape and use color dots on the vertices. Record the number of sides and vertices.

Trapezoid

____ sides
____ vertices

Pentagon

____ sides
____ vertices

Hexagon

____ sides
____ vertices

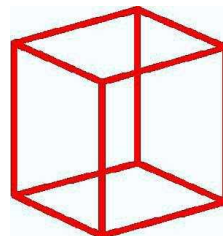
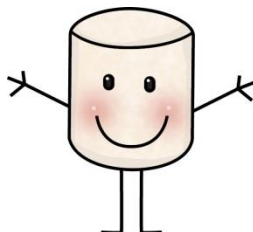
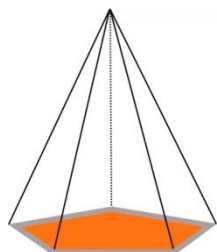
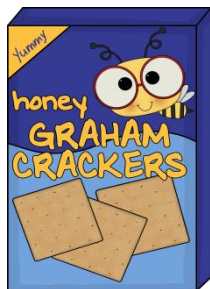
Octagon

____ sides
____ vertices

Name _____ # _____

Date _____

Marshmallow Geometry



3-D SHAPES

Create the following 3-dimensional shapes with marshmallows and toothpicks. Record the number of faces, edges, and vertices.

Pentagonal Pyramid

____ faces
____ edges
____ vertices

Cube

____ faces
____ edges
____ vertices

Rectangular Prism

____ faces
____ edges
____ vertices

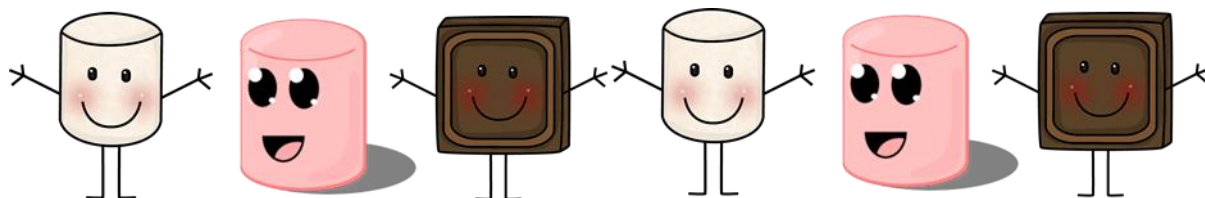
Square based Pyramid

____ faces
____ edges
____ vertices

Name _____ # _____

Date _____

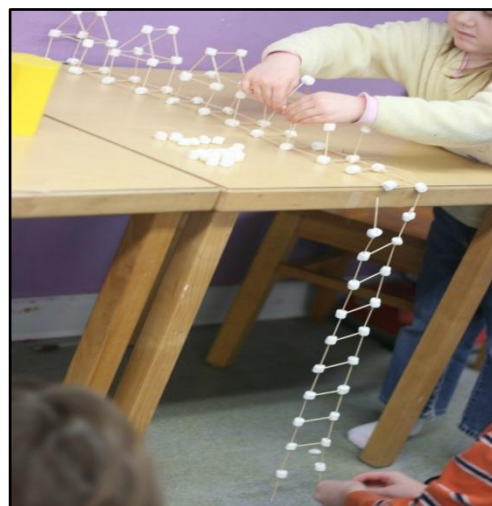
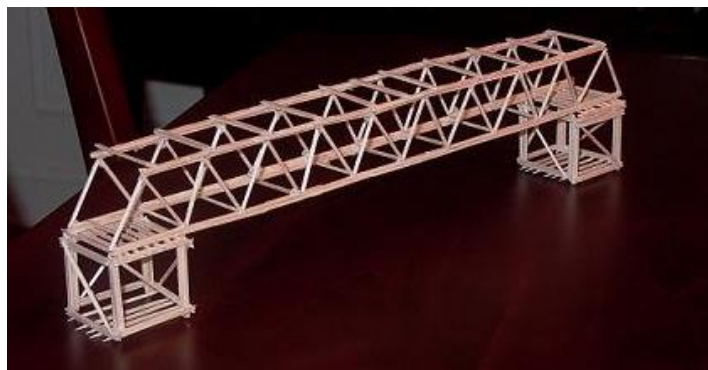
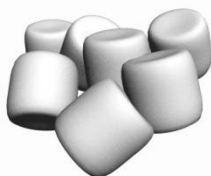
Marshmallow Constructions



Bridge Building

Work with your group to create a bridge that spans the distance between two desks. Measure the largest bridge created that holds and does not collapse. Record the measurements.

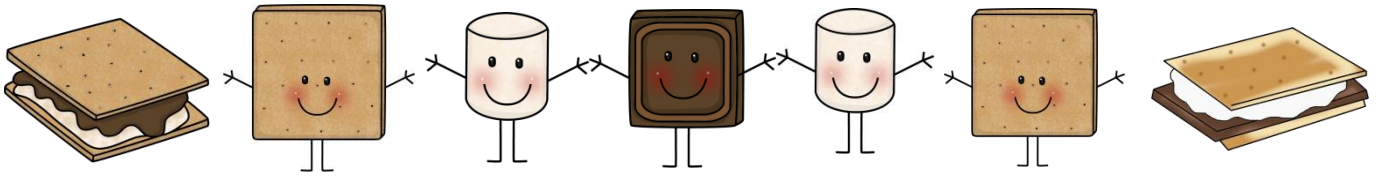
How long is your bridge? _____ inches _____ centimeters
Convert to: _____ feet _____ meters



Name _____ # _____

Date _____

Marshmallow Constructions



Tower construction

Work with your group to create the tallest tower that stands without leaning or falling. Measure your creation. Record the measurements.

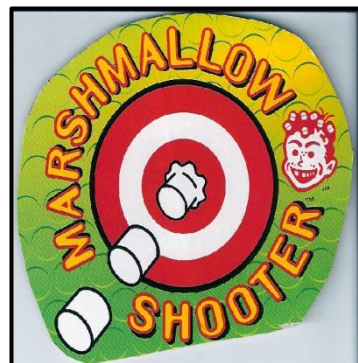
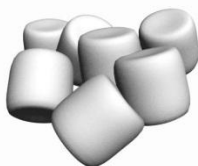
How tall is your tower? _____ inches _____ centimeters
Convert to: _____ feet _____ meters



Name _____ # _____

Date _____

Marshmallow Math



Use your marshmallow shooter and aim for the target. Work with your group to record the distance the marshmallow traveled for each person.

Distance traveled Team Member #1: _____ feet _____ inches
Distance traveled Team Member #2: _____ feet _____ inches
Distance traveled Team Member #3: _____ feet _____ inches
Distance traveled Team Member #4: _____ feet _____ inches
Distance traveled Team Member #5: _____ feet _____ inches
Distance traveled Team Member #6: _____ feet _____ inches

Calculate the mean (or average) distance the marshmallows traveled for your team _____ feet _____ inches

Reminder: To calculate the mean, first add all the data together. Then divide by the number of scores.

I WANT SMORE!

