

Purpose & SOL

- Students will be able to sort shapes into Plane (2-Dimensional) and Solid (3-Dimensional) categories. Using alternate cards, students will be able to sort shapes into Circle, Triangle, Square, and Rectangle categories.
- Math 2.13

Materials

- Appropriate Shape Cards (see attached, cut along dotted lines).
 - Clipart courtesy of Microsoft Office.
- Make multiple copies of the shape and header pages needed (each group needs a header).
- Low Profile Cones.

Length
20 min.

Introduction

Review different shapes and the differences between them. Practice sorting a few of the cards that will be used in the relay.

Implementation

Relay

- 1) Put the cards in the middle of your space.
- 2) Set up the cones and the heading card for the sort around the perimeter of the space for a relay (try to have enough cones so that there will be 2 students per cone).
- 3) Explain to students how a relay works.
 - a. One person leaves the cone at a time.
 - b. They retrieve one item and return to their cone.
 - c. They place the item down (or under the cone) and high five the next person so they can go.
 - d. This repeats until everything has been collected.
- 4) Choose a type of movement for the kids to do to retrieve their cards (walk, skip, jump, run, etc).
- 5) Once all the cards have been collected and sorted into the appropriate categories, have the students do a certain movement (i.e. sky punches).
- 6) Give everyone a minute to check their own work to make sure everything is in the right space.
- 7) Do their movement again if they are ready to be checked.
- 8) Discuss any cards that gave students trouble.

Cool Down

Students can practice rhythmic breathing while stretching.

Modifications

Students can rotate to other cones to check each other's work.
2D and 3D shapes can also be sorted into what types of shapes they have.



Solid Figures

(3D)

Plane Figures

(2D)

Solid Figures

(3D)

Plane Figures

(2D)

Solid Figures

(3D)

Plane Figures

(2D)

Solid Figures

(3D)

Plane Figures

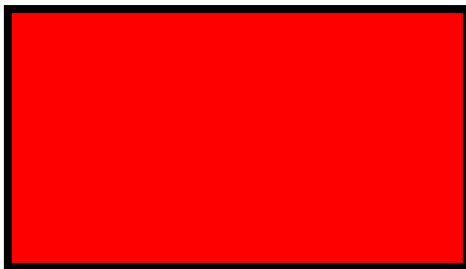
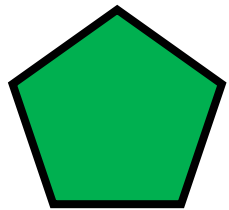
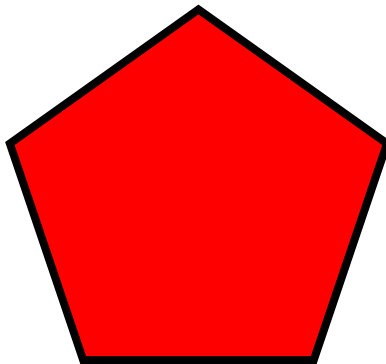
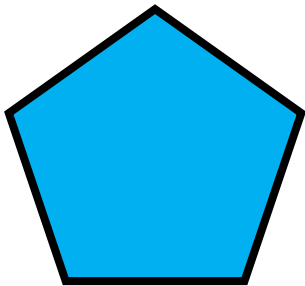
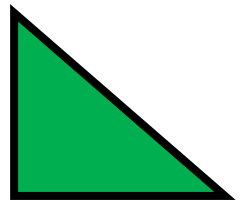
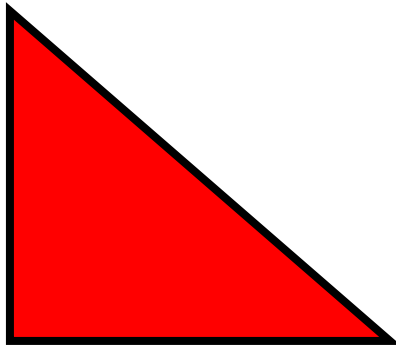
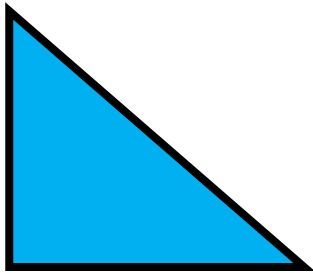
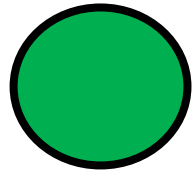
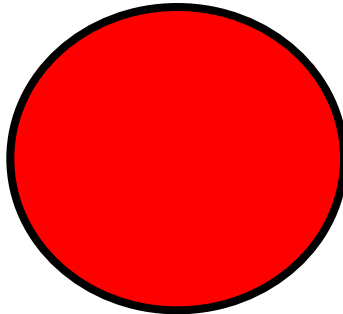
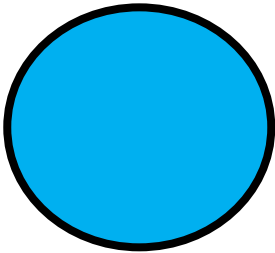
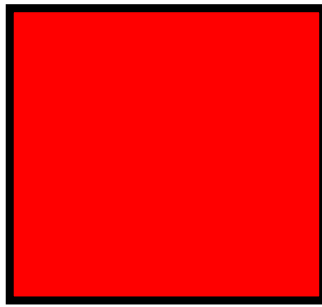
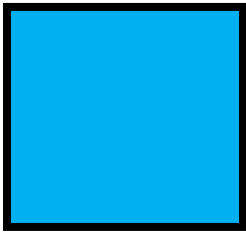
(2D)

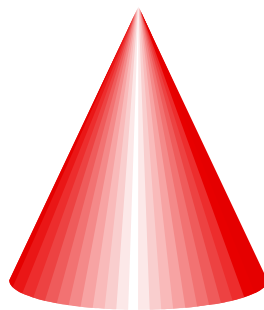
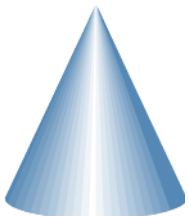
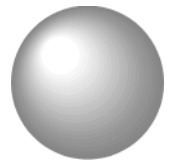
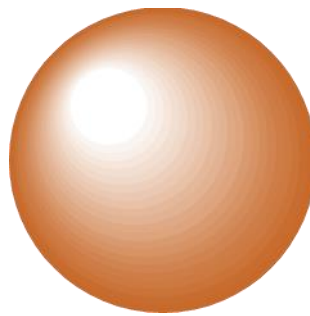
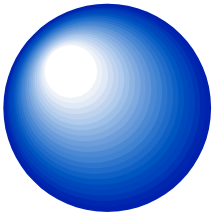
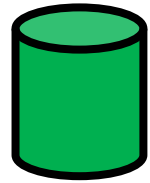
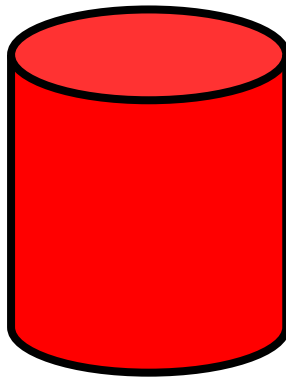
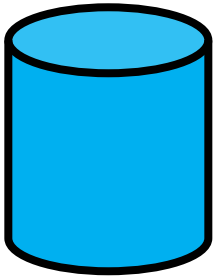
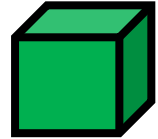
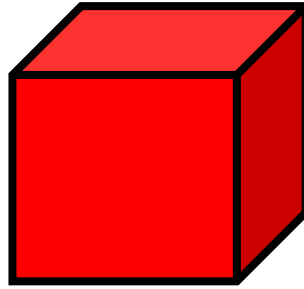
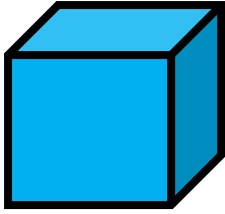
Solid Figures

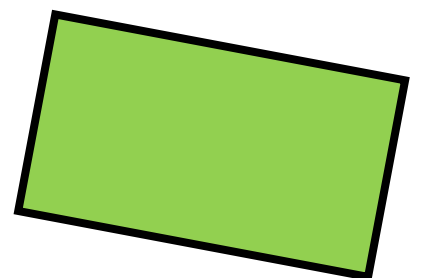
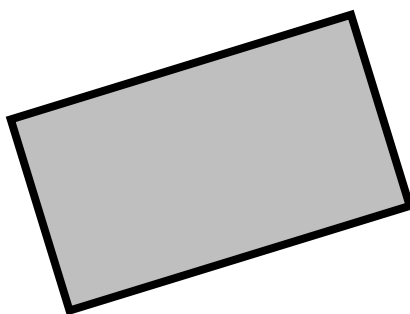
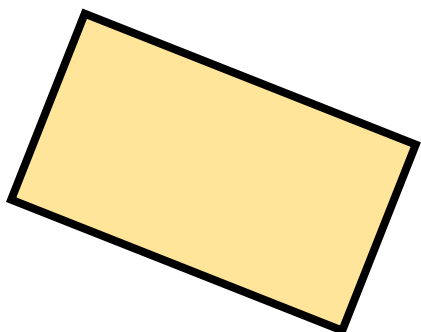
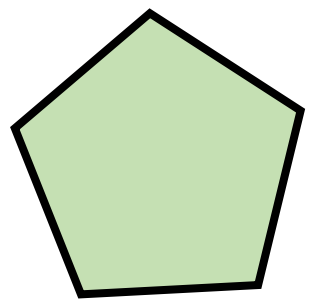
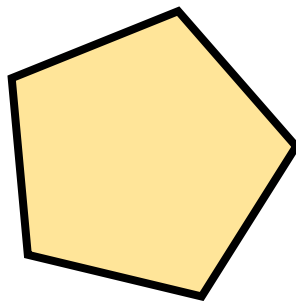
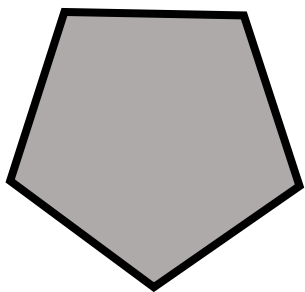
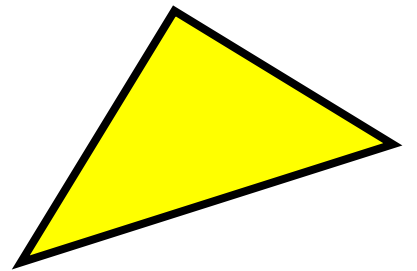
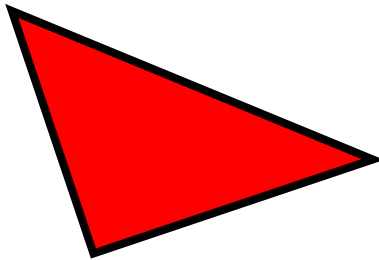
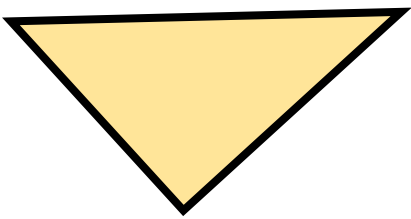
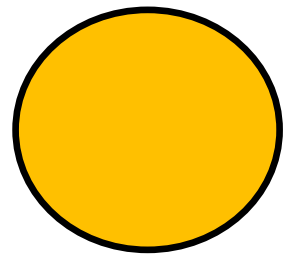
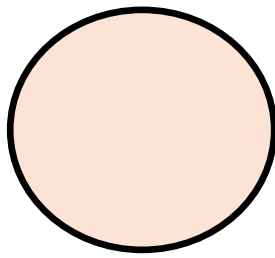
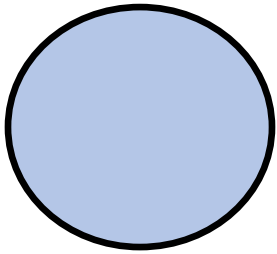
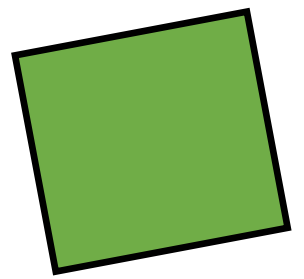
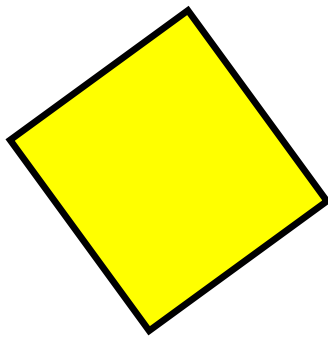
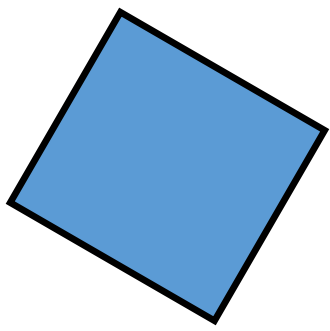
(3D)

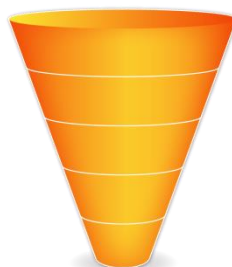
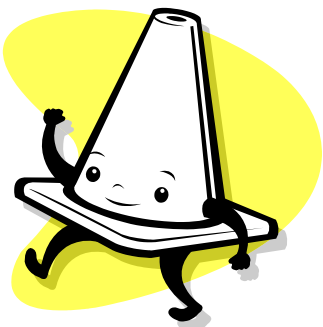
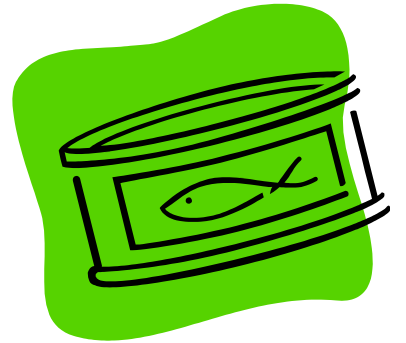
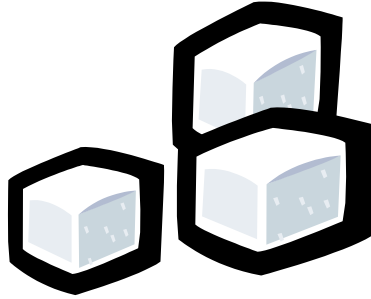
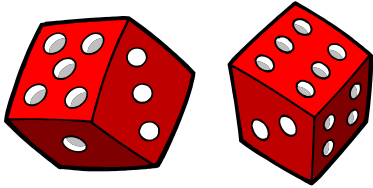
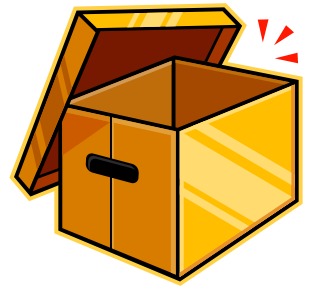
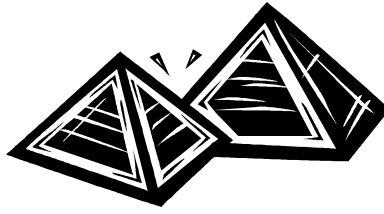
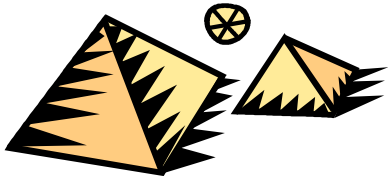
Plane Figures

(2D)









square

square

star

circle

circle

right triangle

triangle

triangle

octagon

pentagon

pentagon

hexagon

rectangle

rectangle

diamond

**rectangular
prism**

**rectangular
prism**

**rectangular
pyramid**

cube

cube

**triangular
pyramid**

cylinder

cylinder

pyramid

sphere

sphere

**triangular
prism**

cone

cone

semi-sphere

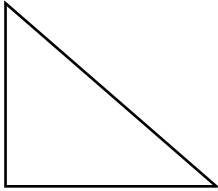
Square



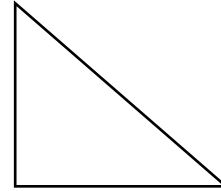
Square



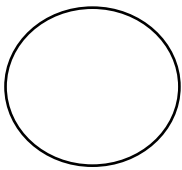
Triangle



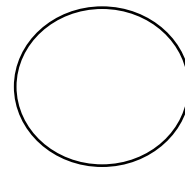
Triangle



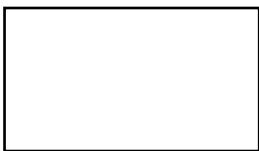
Circle



Circle



Rectangle



Rectangle



