Eureka Math

Kindergarten
Module 2
Lesson 9

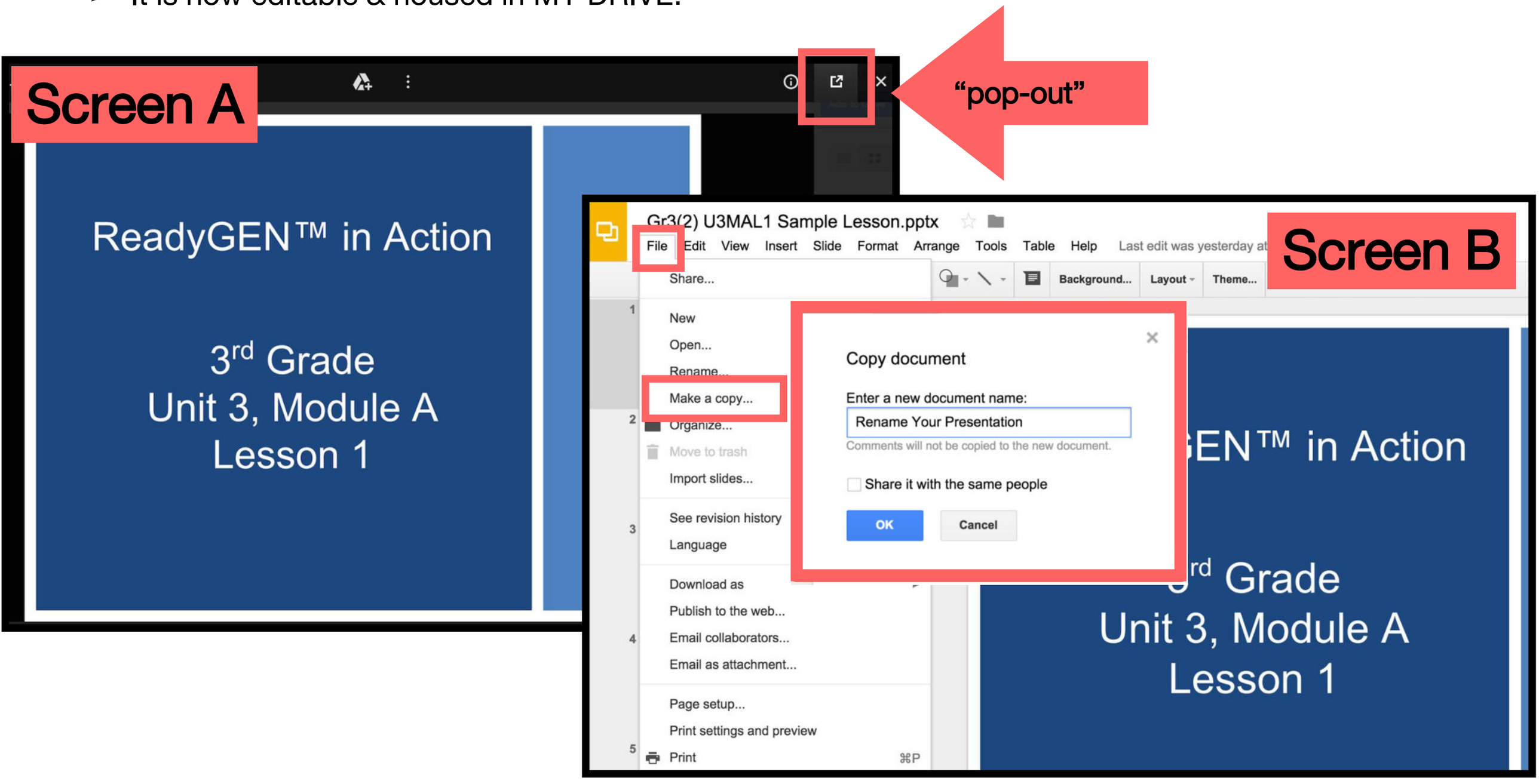
At the request of elementary teachers, a team of Bethel & Sumner educators met as a committee to create Eureka slideshow presentations. These presentations are not meant as a script, nor are they required to be used. Please customize as needed. Thank you to the many educators who contributed to this project!

Directions for customizing presentations are available on the next slide.

Customize this Slideshow

Reflecting your Teaching Style and Learning Needs of Your Students

- When the Google Slides presentation is opened, it will look like Screen A.
- Click on the “pop-out” button in the upper right hand corner to change the view.
- The view now looks like Screen B.
- Within Google Slides (not Chrome), choose FILE.
- Choose MAKE A COPY and rename your presentation.
- Google Slides will open your renamed presentation.
- It is now editable & housed in MY DRIVE.



Materials

- 5 linking cubes
- Small piece of paper
- Pencil
- Ball of clay
- (Lesson 5 Template) Shape Cutouts from earlier in the week
- (T) Signs with pictures of shapes to indicate where to form each group
- (S) Assortment of real world objects and wooden or plastic solid shapes

Icons

Read, Draw, Write

Learning Target

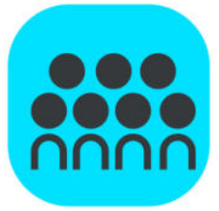
Personal White Board

Problem Set

Manipulatives Needed

Fluency

Think Pair Share



Whole Class

Individual

Partner

Small Group

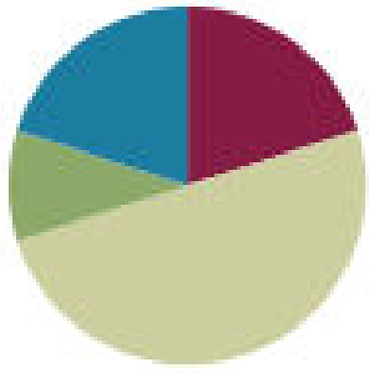
Small Group Time

Lesson 9

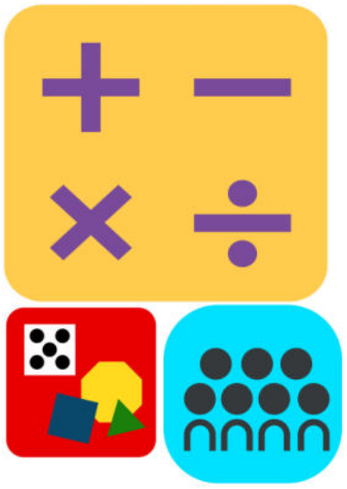
Objective: Identify and sort shapes as two-dimensional or three-dimensional, and recognize two-dimensional and three-dimensional shapes in different orientations and sizes.

Suggested Lesson Structure

Fluency Practice	(10 minutes)
Application Problem	(5 minutes)
Concept Development	(25 minutes)
Student Debrief	(10 minutes)
Total Time	**(50 minutes)**



I can identify and sort two-dimensional and 3-dimensional shapes.



Groups of Shapes (Solid Shapes) (3 min)

(*Use signs and solid shapes)

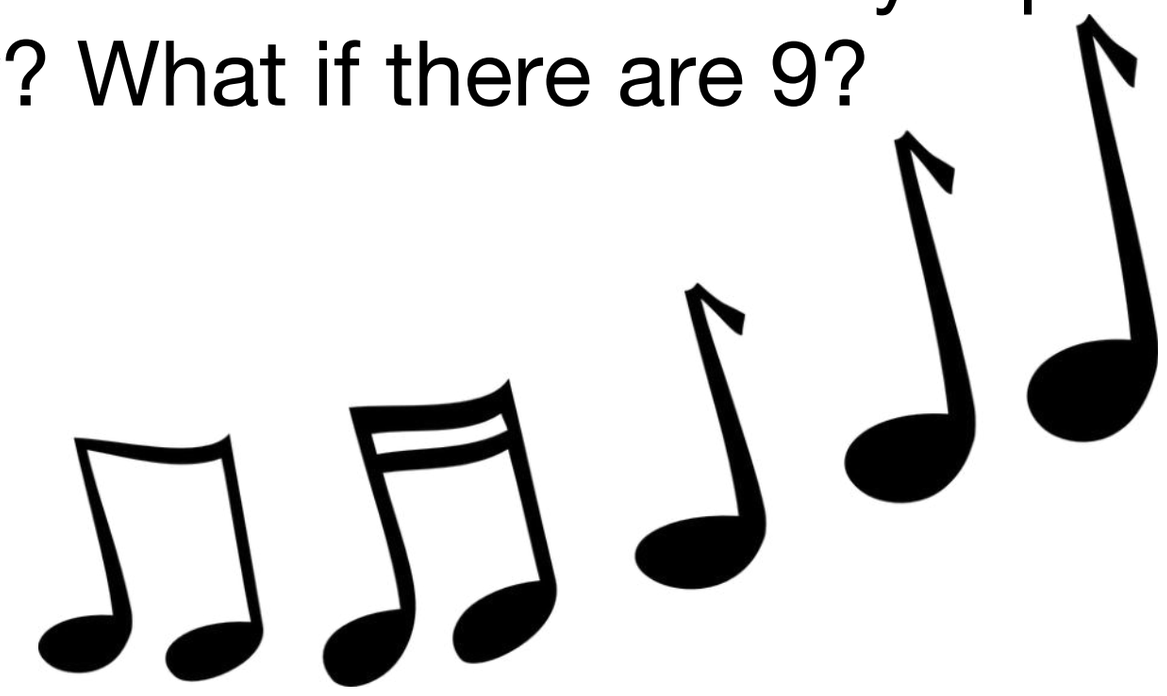
Look at the shapes that are on the rug.

I will ask you to find a certain kind of shape.

When you find it, hold it up. Show me shapes with points. Put them back. Show me shapes with curves….

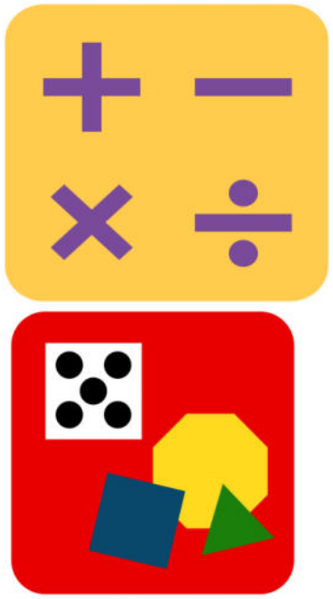
Gorup of 9
(4 min)

When the music starts, calmly walk around the room, visiting corners of the room until you and your classmates can make a group of 9. Don’t forget to count yourself! How many can be in a group? If you go to a group and there are already 8 people there can you stay? What if there are 9?



Hide and See 5 (4 min)

Touch and count your cubes. Hide 2 behind your back. How many can you see? Put them back together. How many cubes do you have?



Hide and See 5 (4 min)

Hide 1 behind your back. How many can you see? Put them back together. How many cubes do you have?

Application Problem (5 min)

Draw one of the shapes we talked about this week. Can you make a solid with your clay that has the shape you drew as one of its faces? Share your work with your partner when you are done.

Concept Development (25 min)

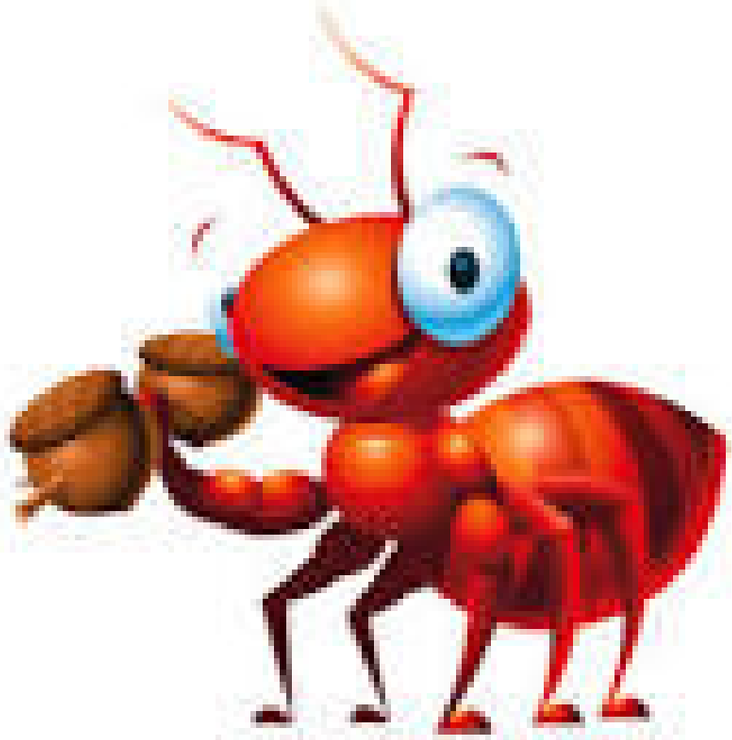
Take out all of your flat shapes and all of your solids and arrange them in front of you.

Concept Development

I see a lot of things on your desk! Stand up and look at your things as if you were a bird. What do you see?

Concept Development

Now bend down and look across your desk as though you were an ant. What do you notice?



Concept Development

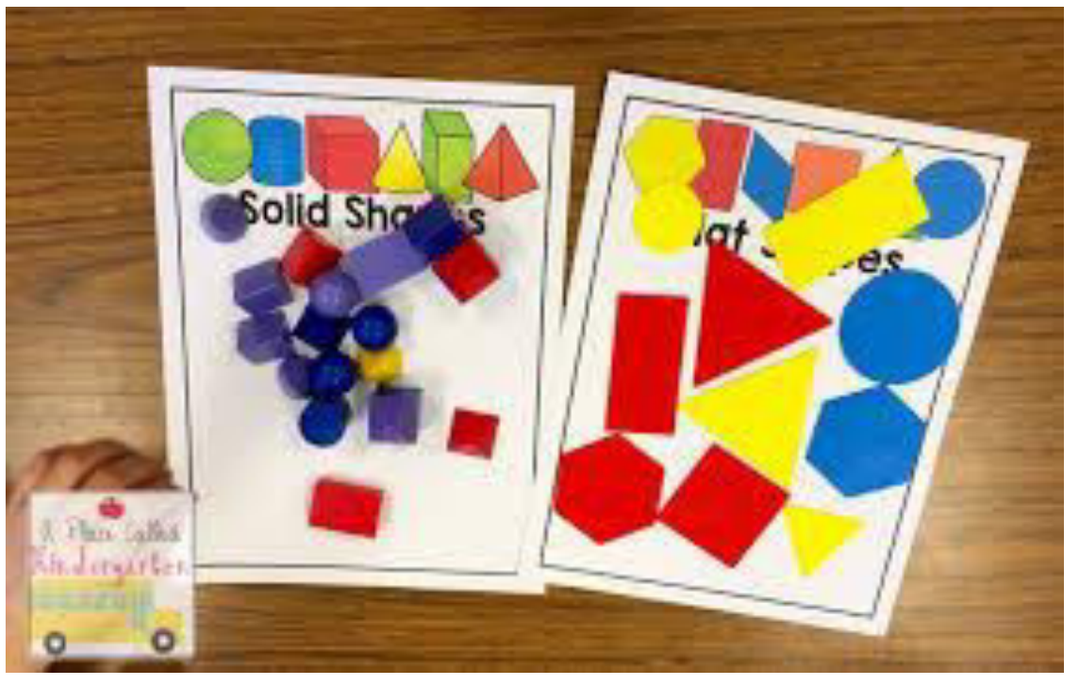
Do you think we could sort all of the things on your desk? Take a few minutes to look at all of your objects and what things they might have in common.

Concept Development

Does anyone have a sorting rule for us to try? Good! Let's try. Show your groups to your partner. Do your groups look alike?

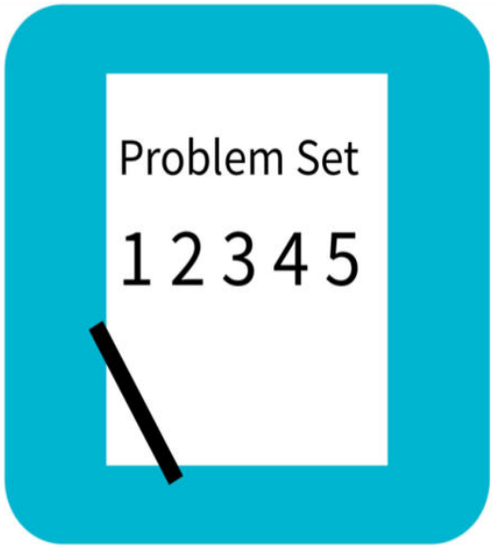
Concept Development

Did anyone think of a different rule for sorting? Let's keep sorting.



Concept Development

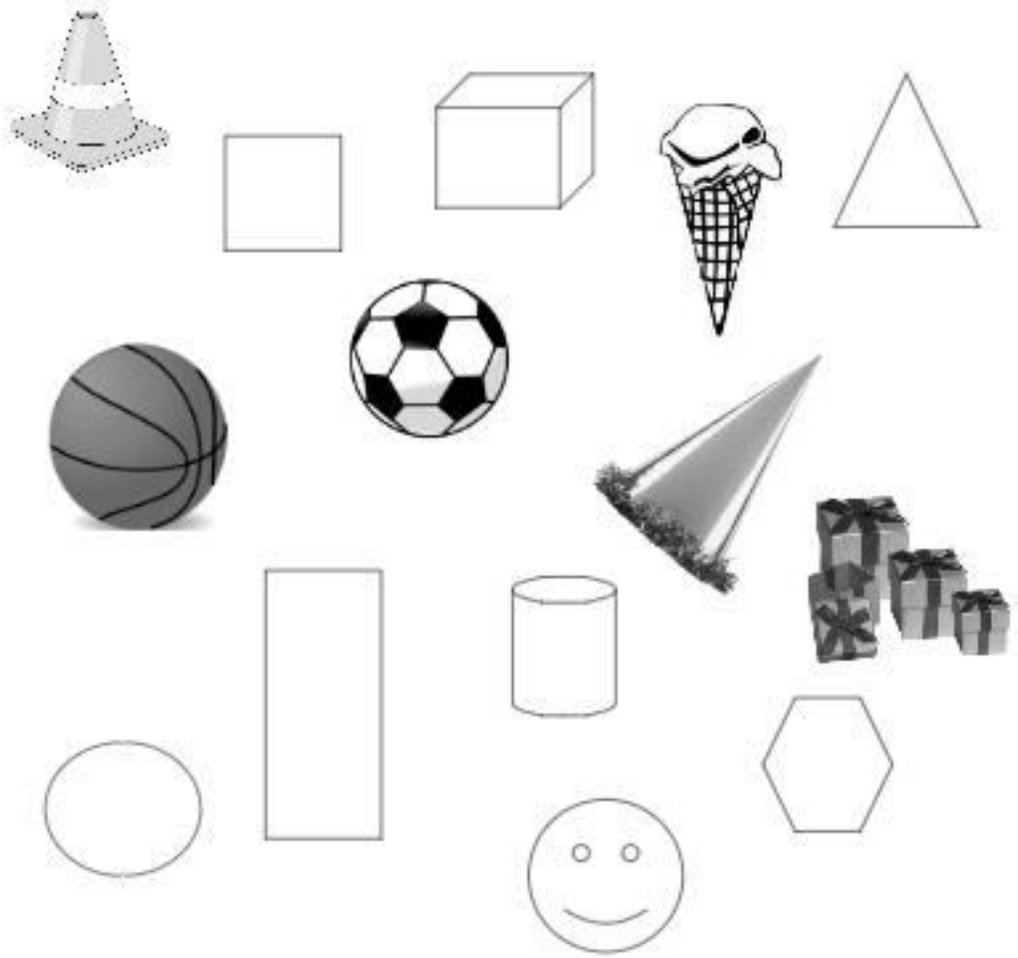
Listen to my directions. I will say the name of a shape or solid. When I do, echo me, find the object, and put it back in its bag.



Problem Set (10 min)

Name _____ Date _____

Circle the pictures of the flat shapes with red. Circle the pictures of the solid shapes with green.



Debrief (8 min)

- What new (or significant) math vocabulary did we use today to communicate precisely.
- How did you determine whether to use a red or green circle? Did someone do it another way?
- Looking at your paper, who can name a flat shape? Solid shape?
- Can you name some other flat shapes that are not on your paper? Solid shapes?
- How did the Application Problem connect to today's lesson?