Brandon Valley School District

District Learning Plan

March 23-27, 2020

Grade 2 Math

Brandon Valley School District Distance Learning Plan

LESSON/UNIT: Chapter 12 Geometric Shapes **SUBJECT/GRADE: Math/2nd** **DATES: March 23-27, 2020**

What do students need to do? **Link to BV instructional video for week of March 23-27, 2020**	**If you have your math practice book, you may complete it in the book. Otherwise, print or write answers on paper for the following assignments.** Monday (3/23) - My Homework page 763-764 (Three Dimensional Shapes) Tuesday (3/24) - My Homework page 769-770 (Faces, Edges, and Vertices) Wednesday (3/25) - My Homework page 775-776 (Relate Shapes and Solids) Thursday (3/26) - My Homework page 781-782 (Halves, Thirds, and Fourths) Friday (3/27) - My Homework page 787-788 (Area)
What do students need to bring back to school?	Pages 763-764, 781-782, and 787-788
What standards do the lessons cover?	2.G.1 Recognize, identify, and and draw shapes 2.G.2 Partition a rectangle into rows and columns and count to find area. 2.G.3 Partition circles and rectangles into halves, thirds, and fourths.
What materials do students need? What extra resources can students use?	● My Homework assignments from above ● Pencil
What can students do if they finish early?	● IXL. com In second grade math do U1 and U2, W1-W5. Students know their login information but if unsure contact your teacher. ● Find 3-dimensional objects in your home.
Who can we contact if we have questions?	**Brandon Elementary** **Building Principal:** Mr. Horst- Merle.Horst@k12.sd.us **Teachers:** Ms. Johnson- Alyssa.Johnson@k12.sd.us Ms. Kueter- Kim.Kueter@k12.sd.us Ms. Pearson- Cassie.Pearson@k12.sd.us Ms. Shutes- Cassondra.Shutes@k12.sd.us Ms. Westhoff- Kendra.Westhoff@k12.sd.us **Robert Bennis Elementary** **Building Principal:** Ms. Hofkamp- Kristin.Hofkamp@k12.sd.us **Teachers:** Ms. Adams- Laurie.Adams@k12.sd.us Ms. DeBoer- Stacy.Deboer@k12.sd.us Ms. Hatlestad- Andrea.Hatlestad@k12.sd.us

	Ms. Silvernail- Jayna.Silvernail@k12.sd.us Ms. Westcott- Sandra.Westcott@k12.sd.us **Fred Assam Elementary** **Building Principal:** Ms. Foster- Susan.Foster@k12.sd.us **Teachers:** Ms. Deitering- Kayla.Deitering@k12.sd.us Ms. Kroger- Kyla.Kroger@k12.sd.us Ms. Livingston- Missy.Livingston@k12.sd.us Ms. Olson- Angie.Olson@k12.sd.us Ms. Presler- JoAnn.Presler@k12.sd.us **Valley Springs Elementary:** **Building Principal:** Ms. Palmer- Tanya.Palmer@k12.sd.us **Teacher:** Ms. Logan- Wanda.Logan@k12.sd.us
Notes: Have fun learning about shapes!	

Instructional materials are posted below (if applicable)

Name _____

Geometry
2.G.1

Lesson 4

Three-Dimensional Shapes

My Homework

Homework Helper

eHelp

Need help? connectED.mcgraw-hill.com

A three-dimensional shape has length, width, and height.


sphere


cube


pyramid

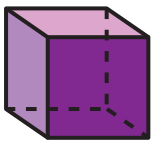

cone


cylinder


rectangular prism

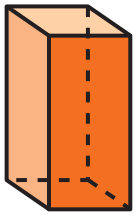
Practice

Write the name of the shape. Circle the objects that are the same shape.

1. 

_____



2. 

_____



3. 

_____

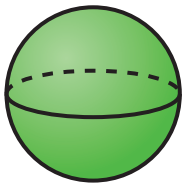


Write the name of each shape. Circle the objects that are the same shape.

4. 

_____



5. 

_____



Brain Builders

6. I have 6 surfaces. 2 of my surfaces are smaller than the others. I can stand up tall. What shape am I? Explain your answer to a family member or friend.

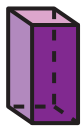
_____

Vocabulary Check

Draw lines to match.

7. cylinder
8. rectangular prism
9. cube
10. cone



Math at Home Have your child identify items in your home that match the shapes he or she learned about in this lesson.

Name .....

Geometry
2.G.1

Lesson 5

Faces, Edges, and Vertices

My Homework

Homework Helper

eHelp

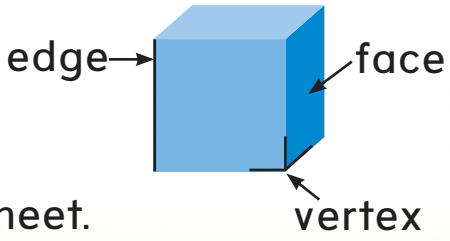
Need help? connectED.mcgraw-hill.com

Three-dimensional shapes are described by the number of faces, edges, and vertices.

A face is a flat surface.

An edge is where 2 faces meet.

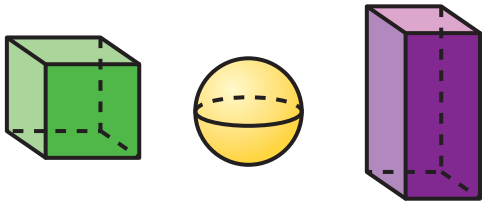
A vertex is where 3 or more faces meet.



Practice

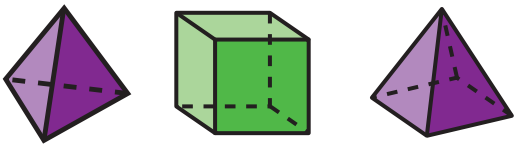
Circle the shapes or objects that matches the description.

1. 6 faces, 12 edges, 8 vertices



2. 0 faces, 0 edges, 0 vertices

3. 5 faces, 8 edges, 5 vertices



4. 6 faces, 12 edges, 8 vertices

Circle the objects that match the descriptions.

5. 6 faces, 12 edges, 8 vertices

6. 0 faces, 0 edges, 0 vertices

Brain Builders

7. I am a three-dimensional shape. I might have 5 faces. Or I might have 4 faces. What shape am I? Explain.

_____

_____

_____

Vocabulary Check

Complete each sentence.

face edge vertex

8. A _____ is a flat surface.

9. A _____ is where 3 or more faces meet.

10. An _____ is where 2 faces meet.

Math at Home Have your child identify real-life objects in your home that have the same shape as one of the shapes learned in this lesson.

Name .....

Geometry
2.G.2

Lesson 6

Relate Shapes and Solids

My Homework

Homework Helper

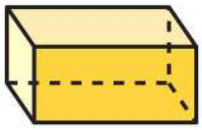
eHelp

Need help? connectED.mcgraw-hill.com

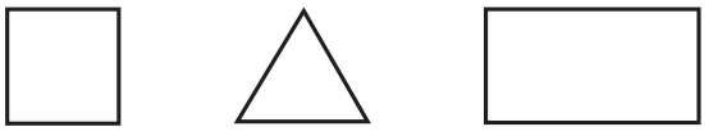
The faces of three-dimensional shapes are two-dimensional shapes.

Practice

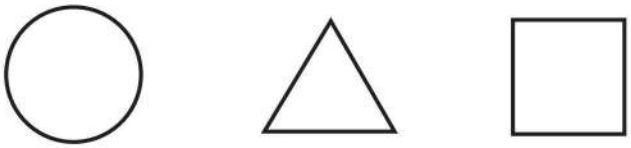
Circle the faces that make the shape.

1. 

2. 

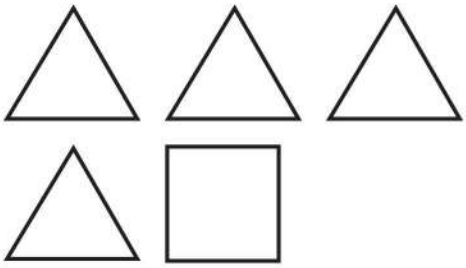


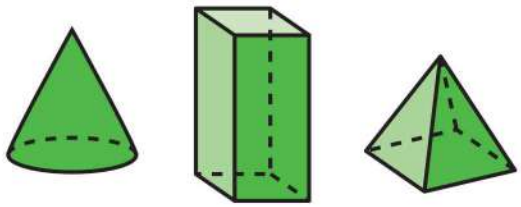
3. 



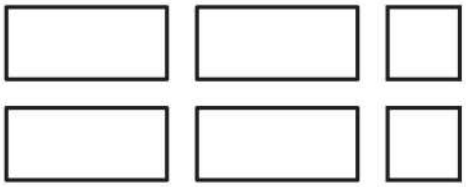
Circle the shape made by the faces.

4.



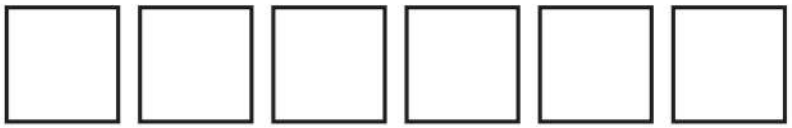


5.



Brain Builders

6. If you put these shapes together, what three-dimensional shape could you make? Write the name of the shape.



_____

7. Test Practice Identify the shape that does not belong.

○ ○ ○ ○

Math at Home Ask your child to find an object at home that he or she could use to trace a rectangle on a piece of paper. Challenge your child to see if he or she can find something to trace for a circle.

Name _____

Geometry
2.G.3

Lesson 7

Halves, Thirds, and Fourths

My Homework

Homework Helper

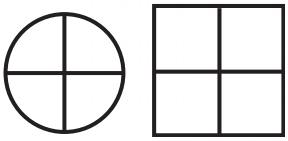
eHelp

Need help? connectED.mcgraw-hill.com

You can partition, or separate, shapes into equal parts.

halves

thirds



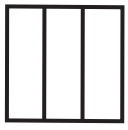
fourths

Practice

Describe the equal parts. Write *two halves, three thirds, or four fourths.*

1. 

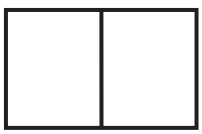
_____

2. 

_____

3. 

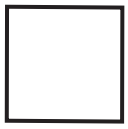
_____

4. 

_____

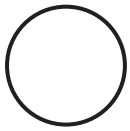
Draw lines to partition each shape.

5.



3 equal parts

6.



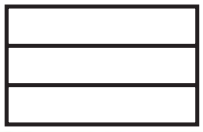
2 equal parts

7.

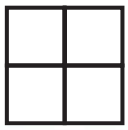
4 equal parts

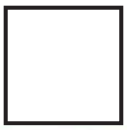
Partition the shape in a different way.
Show the same number of equal shares.

8.



9.





Brain Builders

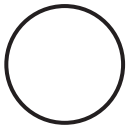
10. Nora cut her sandwich into fourths. How many friends can share her sandwich and have equal parts?

_____ friends

Vocabulary Check

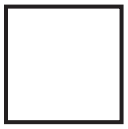
Color each shape as described.

11.



one half green

12.



one fourth blue

13.

one third red

Math at Home Cut your child's food into either halves, thirds, or fourths. Ask him or her to identify how many equal parts you have created.

Name _____

Geometry
2.G.2

Lesson 8

Area

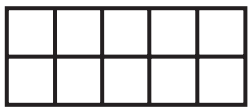
My Homework

Homework Helper

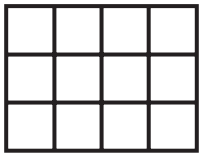
eHelp

Need help? connectED.mcgraw-hill.com

A rectangle can be partitioned into squares to describe its size.



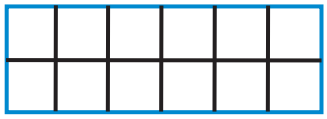
This rectangle is partitioned into 10 squares.



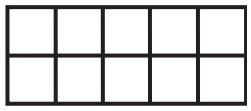
This rectangle is partitioned into 12 squares.

Practice

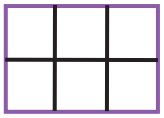
Count the squares. Write how many squares make each rectangle.

1. 

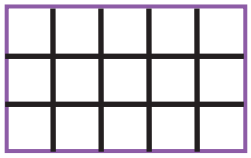
_____ squares

2. 

_____ squares

3. 

_____ squares

4. 

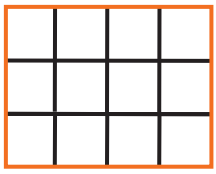
_____ squares

Count the squares. Write how many squares make each rectangle.

5.

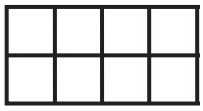
_____ squares

6.



_____ squares

7.



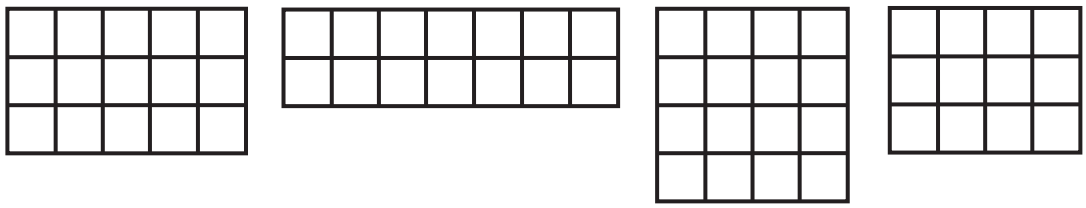
_____ squares

Brain Builders

8. Jan is cutting a rectangular pan of brownies. She cut them in half and then cut each of those halves in half again. She did the same thing going the other direction. How many brownies does she have? Explain your answer to a family member or friend.

_____ brownies

9. **Test Practice** Choose the rectangle below that is partitioned into the greatest number of squares.



○ ○ ○ ○

Math at Home Find an opportunity to have your child help you determine how to cut something you are going to serve such as a casserole, brownies, cake, or rice treats. Together determine how many equal pieces you want and how to cut it.