Brandon Valley School District

District Learning Plan

March 30 - April 3, 2020

Grade 5 Math

Brandon Valley School District Distance Learning Plan

LESSON/UNIT: **SUBJECT/GRADE: Math/5th** **DATES: March 30 - April 1**

What do students need to do? **PART ONE link to BV instructional video for week of March 30 - April 3, 2020** **PART TWO link to BV instructional video for week of March 30 - April 3, 2020**	**Monday (3/30)**: Review math textbook pages 967-968. Work independently on pages 969-970 for practice. Complete homework pages 971-972 to be assessed. **Tuesday (3/31):** Chapter review page 979 vocabulary check. Review terms that were covered in chapter 12. This does not need to be turned in. **Wednesday (4/1):** Continue with chapter review on pages 980-981. This is for review purposes and does not need to be turned in. **Thursday (4/2):** Chapter 12 take home test. This will be assessed. You can use your book/parents for assistance if needed. **Friday (4/3):** Geometry scavenger hunt. Locate 15 different objects in your home that resemble geometric figures and discuss their attributes with a parent.
What do students need to bring back to school?	**Completed homework pages 971-972 and chapter 12 take home test.**
What standards do the lessons cover?	Measurement and Data 5.MD A. Convert like measurement units within a given measurement system. 1. Convert customary and metric measurement units within a given measurement system (e.g., convert 5 cm to 0.05 m). Use these conversions in solving multi-step, real world problems involving distances, intervals of time, liquid volumes, masses of objects, and money (including problems involving simple fractions or decimals). For example, 3.6 liters and 4.1 liters can be combined as 7.7 liters or 7700 milliliters. B. Represent and interpret data. 2. Make a line plot to display a data set. a. Use operations on fractions of a unit (1/2, 1/4, 1/8) for this grade to solve problems involving information presented in line plots. b. Use information from a line plot representing an unequal situation and redistribute whole or fractional parts to create an equal distribution. For example, given different measurements of liquid in identical beakers, find the amount of liquid each beaker would contain if the total amount in all the beakers were redistributed equally C. Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition. 3. Recognize volume as an attribute of solid figures and understand concepts of volume measurement. a. A cube with side length 1 unit, called a “unit cube,” is said to have “one cubic unit” of volume, and can be used to measure volume. b. A solid figure which can be packed without gaps or overlaps using n unit cubes is said to have a volume of n cubic units. 4. Measure volumes by counting unit cubes, using cubic cm, cubic in, cubic ft, and improvised units.
What materials do students need? What extra resources can students use?	Needed: ● Math textbook ● Chapter 12 take home test PDF Extra: Day 1: https://www.youtube.com/watch?v=slQkp4Um36Q&t=49s

What can students do if they finish early?	1.- State testing practice site- https://login10.cloud1.tds.airast.org/student/V388/Pages/LoginShell.aspx?c=SouthDakota_PT 2. ALEKS-- https://www.aleks.com/ 3. Practice your math facts- https://www.factmonster.com/math/flashcards
Who can we contact if we have questions?	**Brandon Valley Intermediate School** **Principal-** Mr. Skibsted- Nick.Skibsted@k12.sd.us **Assistant Principal-** Mr. Pearson- Rick.Pearson@k12.sd.us **Math Teachers:** Mr. Mashlan- Justin.Mashlan@k12.sd.us (blue team) Mr. Carroll- Scott.Carroll@k12.sd.us (red team) Mr. Peters- Jon.Peters@k12.sd.us (white team) Mr. Wiese- Alex.Wiese@k12.sd.us (silver team
Notes:	

Instructional materials are posted below (if applicable)

Brandon Valley School District

Name _____ Date _____

Vocabulary Test

Using the word bank below, complete each sentence by writing the correct term in the blank.

face	rectangular prism	scalene triangle	isosceles triangle
congruent	vertex	equilateral triangle	volume
composite figure			

1. A three-sided figure that has two sides of equal length is called a(n) _____.

2. A three-sided figure with all three sides of equal length is called a(n) _____.

3. A three-dimensional figure that is made up of other three-dimensional figures is called a _____.

4. The amount of space a three-dimensional figure contains. The formula for _____of a rectangular prism is length × width × height.

5. A three-sided figure having all three sides of different lengths is called a(n) _____.

6. Two figures that have the same size and shape are _____.

7. A _____ is where three edges meet on a three-dimensional figure.

8. A prism with two rectangular, identical bases is called a _____.

9. The rectangular base of a prism is called a _____.

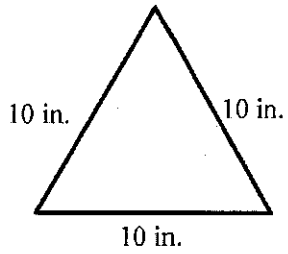
Name _____ Date _____

Chapter Test, Form 3B

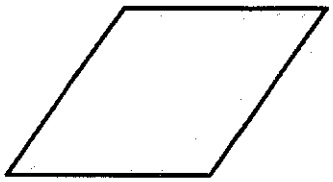
Read each question carefully. Write your answer on the line provided.

Classify each figure.

1.



2.



3.

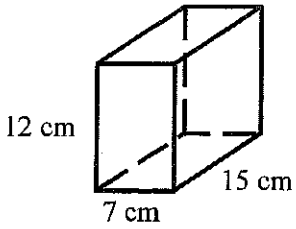
1. _____

2. _____

3. _____

Find the volume of each figure.

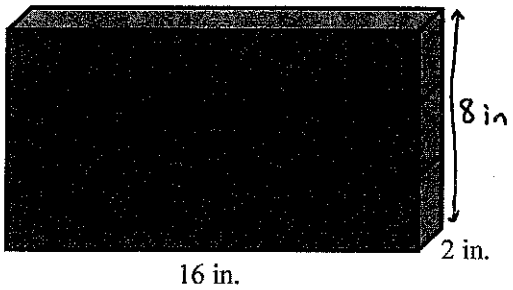
4.



V = l x w x h

4. _____

5.



5. _____

6. rectangular prism

$\ell = 9$ m, $w = 4$ m, $h = 15$ m

6. _____

Name _____ Date _____

Chapter Test, Form 3B *(continued)*

7. Describe the faces, edges, and vertices of a rectangular prism.

7. F = _____
   V = _____
   B = _____

8. Describe the faces, edges, and vertices of a triangular prism.

8. F = _____
   V = _____
   B = _____

9. Cheryl is building a three-dimensional figure that has 5 faces, 9 edges, and 6 vertices. What shape is she building?

9. _____

10. Horace wants to use a plastic tote for storage. If the tote is 8 inches high, 18 inches wide, and 12 inches deep, how many cubic inches of space does he have for storage?

$V = l \times w \times h$

10. _____

11. DaVaughn and Henrick are designing a kitchen counter. The counter has 4 sides. One pair of opposite sides are parallel and congruent. There are no right angles. Classify the shape of the kitchen counter.

11. _____

12. A piranha tank is 12″ × 6″ × 10″. What is the volume of the tank?

$V = l \times w \times h$

12. _____

13. Carly is stacking 4 shoe boxes on top of each other. If each box is 8 inches long, 7 inches wide, and 4 inches high, what is the total volume?

13. _____