

GreatHearts

Northern Oaks



Distance Learning Packet:

Week 9

May 18 - May 22, 2020

3rd grade

(3A) Ms. Gauss

(3B) Ms. Tyler

(3C) Ms. Kaiser

(3D) Mr. Aniol

Student Name: _____ Section: ____

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<p>Tuesday 05/19 Student Instruction Sheet</p> <ul style="list-style-type: none"><input type="checkbox"/> Reading<input type="checkbox"/> Literature<input type="checkbox"/> Math	<p>Friday 05/22 Student Instruction Sheet</p> <ul style="list-style-type: none"><input type="checkbox"/> Literature<input type="checkbox"/> Math <p>MATH GRADED REVIEW DUE 05/25</p>
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Monday

GHNO | 3rd Grade | Week 9 | 05/18

Daily Student Instruction Sheet

MONDAY, 05/18

ELA

Reading
(+20 min. HW)

Literature
(15 Minutes)

Literature Project
(15 Minutes)

***Week 9 is only Reading/Literature and Math.**

There is no Spalding, Science, History, or Specials. Students will complete a daily Literature mini-project and a final graded-review for Math, covering only the Geometry unit covered over distance learning.

For Week 10, the final week of distance learning, expect only optional Specials and enrichment assignments.

I. Reading

- a. Goal/Objective: Student will read and enjoy a chapter of the current literature book.
- b. Materials needed: *The Little Prince* by Antoine de Saint-Exupery,
Reading Log
- c. Specific Instructions (IW=independent work; PA=parent assistance):
 - Read Chapters 20-21 from *The Little Prince* (IW)
[The Little Prince. Ch. 20-21.pdf](#)
[The Little Prince Ch. 9-10 read-aloud video with Miss Kaiser](#)
 - Student will read chapter independently **OR follow along in book while listening to Read Aloud video**. **While you read, please pay special attention to the planets the little prince visits and how they are described. You will need this info for your literature project this week.

II. Literature Part 1

- a. Goal/Objective: Students will answer reflection questions based on Chapters 20-21 from *The Little Prince*.
- b. Materials needed: **Worksheet - "After Chapters XX-XXI"**
- c. Specific Instructions (IW=independent work; PA=parent assistance):
 - In Chapter 21, the little prince stumbles upon a garden of roses! In Chapter 22, the little prince encounters a fox!
 - Read and complete the Worksheet - "After Chapter XX- XXI"** to reflect upon the encounters the little prince had with the roses and the fox. **(IW, 15 min)**
["After Chapters XX-XXI" worksheet](#)

Literature Part 2: Project- The Little Prince's Journey Map

- a. Goal/Objective: The Little Prince goes on quite the adventure visiting different planets! Your task is to map out the prince's journey!
- b. Materials needed: [Journey Map template](#) (provided), colored pencils, *The Little Prince* book, pencil, or pen
- c. Specific Instructions (IW=independent work)
 - Directions:** Give the name of each Planet and 1-2 complete sentences describing the planet based on the description from the

Daily Student Instruction Sheet

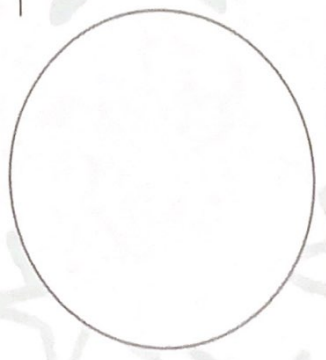
	<p>book. Using the sphere, draw a sketch of the planet. Make sure to add details from the book and to draw arrows showing the order in which he visited the planets!</p> <p><input type="checkbox"/> You will have the full week to complete this project so make sure you work on it every day! (Plan to spend around 15 minutes a day.) (IW, 15 min.)</p>
MATH (30 min.)	<p>I. Math</p> <p>a. Goal/Objective: Students will understand and identify 2-D POLYGONS and 3-D SOLIDS.</p> <p>b. Materials needed: provided worksheets</p> <p>c. Specific Instructions (IW=independent; PA=parent assistance):</p> <ul style="list-style-type: none"><input type="checkbox"/> 1: Parent and student read the “Friendly Notes” and textbook pages included as lesson supplement before assignment. (PA, 5 min.) Singapore Math Friendly Notes, Angles Singapore Math Friendly Notes, Right Angles Singapore Math Friendly Notes, Polygons & Solids Singapore Math Textbook, Ch. 12.1, Angles Singapore Math Textbook, Ch. 12.2, Right Angles Singapore Math Textbook, Ch. 12.3, Quadrilaterals and Triangles Singapore Math Textbook, Ch. 12.4, Solid Figures Singapore Math Glossary of Terms<input type="checkbox"/> 2: Student independently completes the Polygons and Solids Review worksheets. (IW, 25 min.) TODAY'S ASSIGNMENT Polygons and Solids Review<input type="checkbox"/> 3: Several concepts from POLYGONS AND SOLIDS are reviewed in the following videos. (Optional, 20 min.) 3rd Grade Math Check video, Mon 04/06 with Mrs. Cramer 3rd Grade Math Check video, Tue 04/07 with Mrs. Cramer 3rd Grade Math Check video, Thu 04/09 with Mrs. Cramer Solid Figures lesson video with Mr. Aniol 3rd Grade Math Check video, Thu 04/16 with Mrs. Cramer

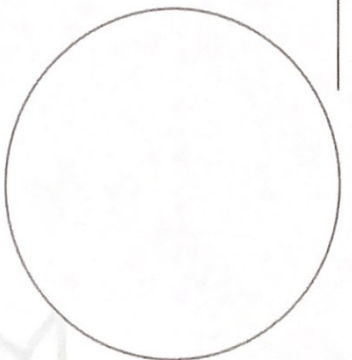
THE LITTLE PRINCE'S JOURNEY

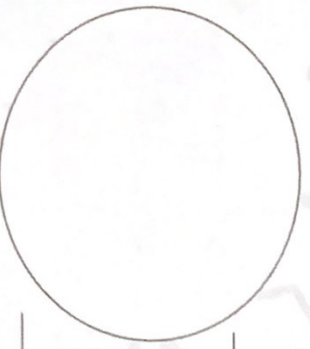
Asteroid B-612
The little Prince's
Planet



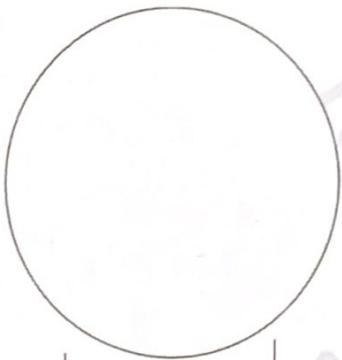
the little prince
loves watching
sunsets and
takes care of his
rose on his planet.

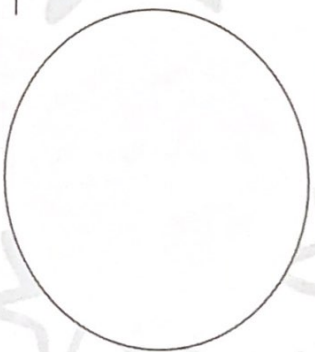






THE LITTLE PRINCE'S JOURNEY

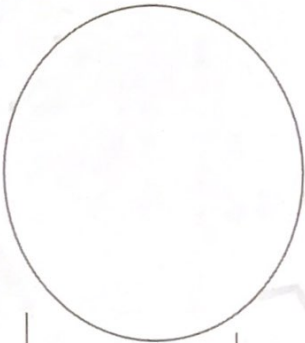




The Earth

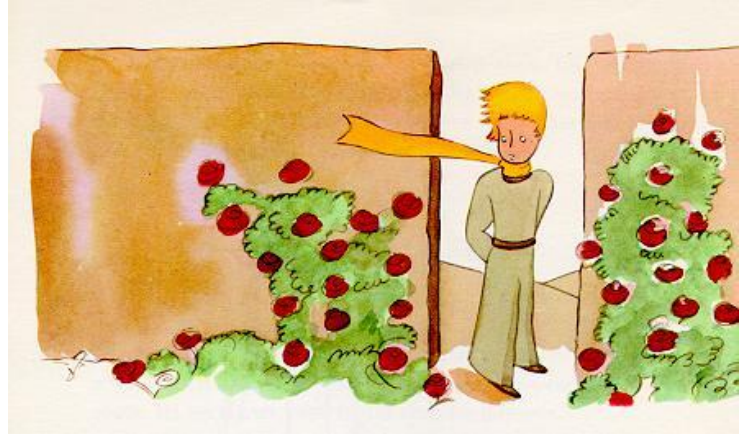


The Earth is where the little prince meets the pilot and learns how to love his rose.



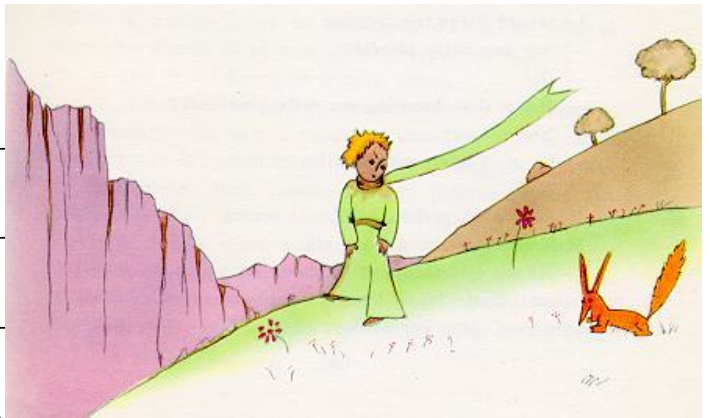
After Chapters XX + XXI:

Infer: *"They all looked like his flower."* Why was the little prince *"overcome with sadness"* when he encountered the many roses?



Cause and Effect: Fill in the cause.

Cause:



Effect: The fox is no longer a fox like a hundred thousand other foxes, he is unique in all the world.

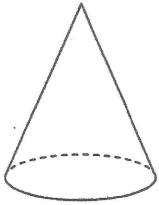
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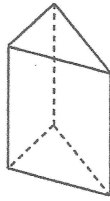
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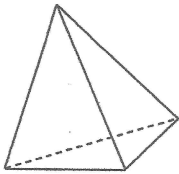
REVIEW POLYGONS AND SOLIDS

1. Name the solids.

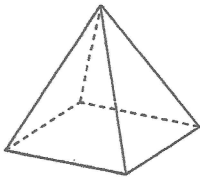




2. How many vertices does a triangular pyramid have?



3. How many edges does a rectangular pyramid have?



4. Write the missing numbers in the table.

Solids	Number of faces	Number of edges	Number of vertices
Rectangular prism			
Triangular pyramid			
Cylinder			
Cone			

5.

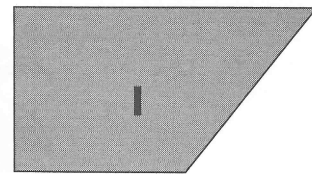
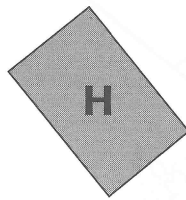
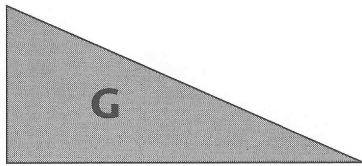
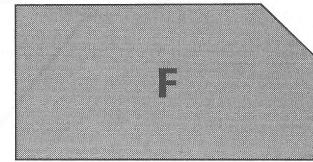
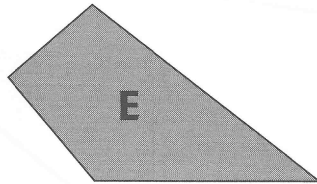
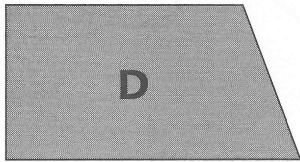
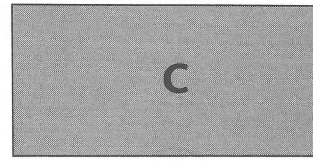
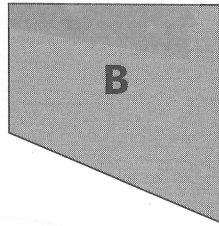
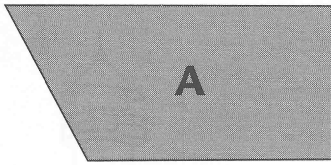


Figure	Number of sides	Number of angles	Number of right angles
A			
B			
C			
D			
E			
F			
G			
H			
I			

Tuesday

3rd Grade | Week 9 | 05/19

Daily Student Instruction Sheet

TUESDAY, 05/19

ELA

Reading
(+20 min. HW)

Literature
(15 Minutes)

Literature
Project
(15 Minutes)

I. Reading

- a. Goal/Objective: Student will read and enjoy a chapter of the current literature book.
- b. Materials needed: *The Little Prince* by Antoine de Saint-Exupery,
Reading Log
- c. Specific Instructions (IW=independent work; PA=parent assistance):
 - Read "Chapters 22-25 from *The Little Prince* (IW)
[The Little Prince, Ch. 22-25.pdf](#)
[The Little Prince, Ch. 22-25 read-aloud video with Miss Kaiser](#)
 - Student will read chapter independently **OR follow along in book while listening to Read Aloud video**. **While you read, please pay special attention to the planets the little prince visits and how they are described. You will need this info for your literature project this week.

II. Literature Part 1

- a. Goal/Objective: Students will answer reflection and inference questions based on chapters 22- 25 from *The Little Prince*.
- b. Materials needed: **Worksheet - "After Chapters XXII-XXV"**
- c. Specific Instructions (IW=independent work; PA=parent assistance):
 - When answering questions based on information from the book, it is best to go back and look for that part in the book.**
 - To complete the worksheet, go back into the chapters to find the answers. (IW, 15 min)**
"After Chapters XXII-XXV"

Literature Part 2: Project- The Little Prince's Journey Map

- a. Goal/Objective: The Little Prince goes on quite the adventure visiting different planets! Your task is to map out the prince's journey!
- b. Materials needed: [Journey Map template](#) (provided), colored pencils, *The Little Prince* book, pencil, or pen
- c. Specific Instructions (IW=independent work)
 - Directions:** Give the name of each Planet and 1-2 complete sentences describing the planet based on the description from the book. Using the sphere, draw a sketch of the planet. Make sure to add details from the book and to draw arrows showing the order in which he visited the planets!
 - You will have the full week to complete this project so make sure you work on it every day! (Plan to spend around 15 minutes a day) **(IW, 15 min.)**

Daily Student Instruction Sheet

MATH

(30 min.)

I. **Math**

a. Goal/Objective: Students will understand and identify the **AREA** of a figure in **SQUARE UNITS**.

b. Materials needed: provided worksheets

c. Specific Instructions (IW=independent; PA=parent assistance):

1: Parent and student review the “**Friendly Notes**” and **textbook** pages included as lesson supplement before assignment. **(PA, 5 min.)**

[Singapore Math Friendly Notes, Area](#)

[Singapore Math Textbook, Ch. 13.1 Area](#)

[Singapore Math Glossary of Terms](#)

2: Student independently completes the **AREA REVIEW** worksheets. **(IW, 25 min.)** **TODAY'S ASSIGNMENT**

[Area Review](#)

3: Several concepts from **AREA** are reviewed in the following videos. **(Optional, 30 min.)**

[Measuring Polygons Square Units lesson video with Mr. Aniol](#)

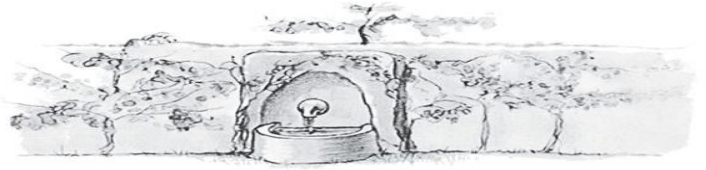
[3rd Grade Math Check video, Tue 04/21 with Mrs. Cramer](#)

[3rd Grade Math Check video, Wed 04/22 with Mrs. Cramer](#)

[Area in Square Inches and Centimeters lesson video with Mr. Aniol](#)

[3rd Grade Math Check video, Wed 04/29 with Mrs. Cramer](#)

After Chapters XXII -XXV



Reflect: According to the railway switchman, what are the travelers searching for? a) Friends.

b) New places to live.

c) No one knows.

Reread to Clarify: *"They are lucky," the switchman said.* Why does the switchman consider children to be lucky?

Reflect: When the little prince and the pilot are in search of a well, what does the pilot begin to remember?

a) Memories from his childhood.

b) That he needs to get back and repair his plane.

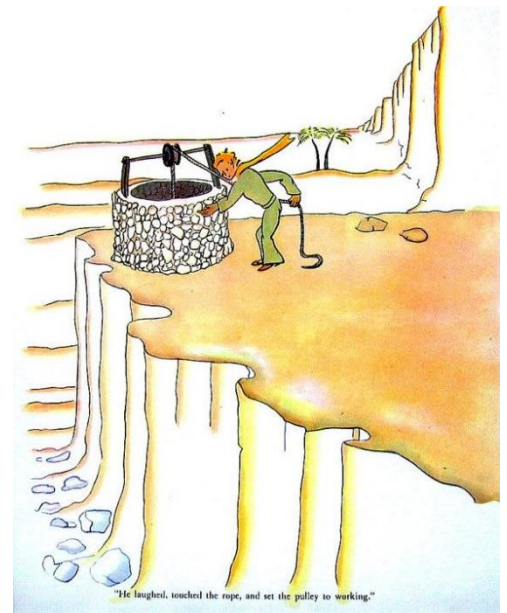
c) That he cannot draw.

Reflect: *"You risk tears when you let yourself be tamed."* Who has tamed the pilot?

a) The well

b) The fox

c) The little prince



Reflect: *"Tomorrow will be its anniversary."* Where was the little prince strolling to when he encountered the narrator?

a) Out of the desert.

b) Back to where he first descended to Earth.

c) To locate the fox.

Name: _____

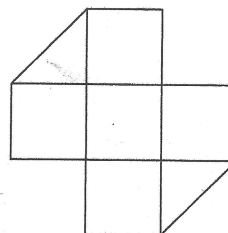
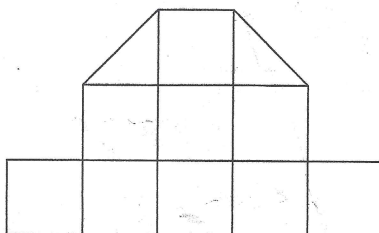
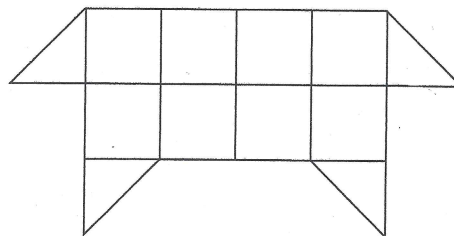
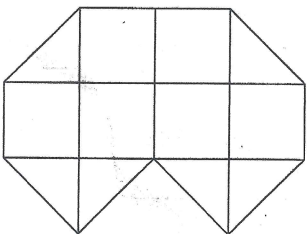
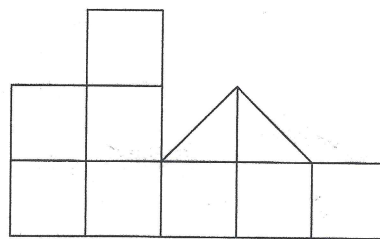
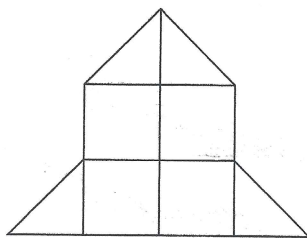
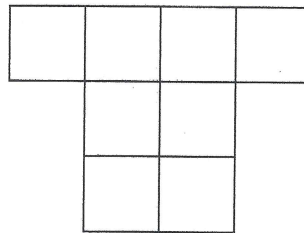
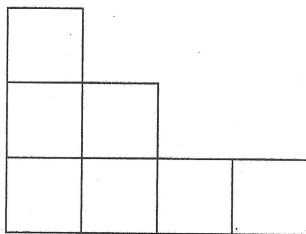
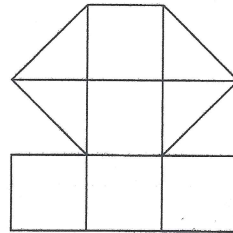
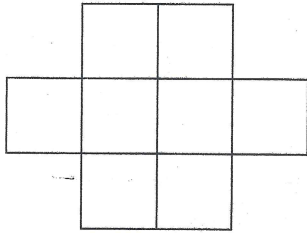
Class: _____

Date: _____

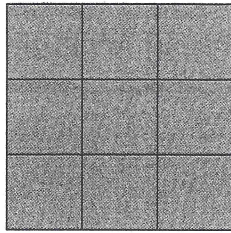
Exercise 1 : Area

REVIEW

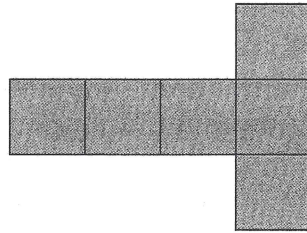
1. Match the shapes that have the same area.



3.



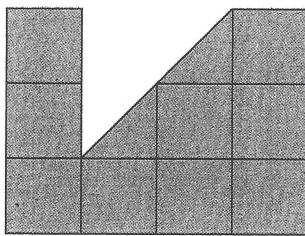
P



Q

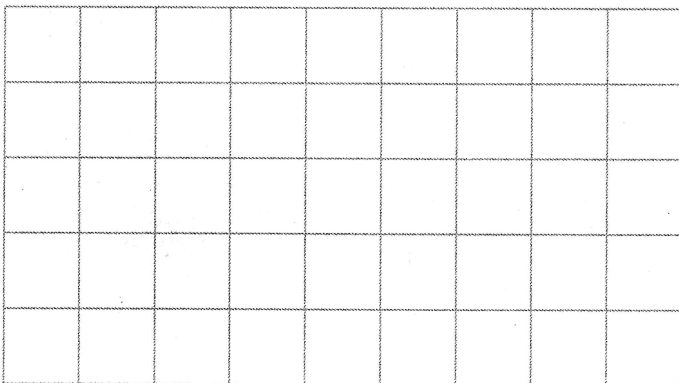
P is made up of _____ more square units than Q.

4. Look at Figure X.



X

Draw a figure that has the same area as X and shade it.



Wednesday

GHNO | 3rd Grade | Week 9 | 05/20

Daily Student Instruction Sheet

WEDNESDAY, 05/20

ELA

Reading
(+20 min. HW)

Literature
(15 Minutes)

Literature Project
(15 Minutes)

I. Reading

a. Goal/Objective: Students will read and enjoy a chapter of the current literature book.

b. Materials needed: *The Little Prince* by Antoine de Saint-Exupery,

Reading Log

c. Specific Instructions (IW=independent work; PA=parent assistance):

Read Chapters 14- 16 from *The Little Prince* (IW)

[The Little Prince, Ch. 26-27.pdf](#)

[The Little Prince, Ch. 26-27 read-aloud video with Miss Kaiser](#)

Student will read chapter independently **OR follow along in book while listening to Read Aloud video**. **While you read, please pay special attention to the planets the little prince visits and how they are described. You will need this info for your literature project this week.

II. Literature Part 1: WorkSheet

a. Goal/Objective: Students will answer reflection and inference questions based on chapters 26-27 from *The Little Prince*.

b. Materials needed: **Worksheet - “After Chapters XXVI-XXVII”**

c. Specific Instructions (IW=independent work; PA=parent assistance):

We have just finished the book!

Read and complete the worksheet to review some of the important events that took place in the last two chapters.

(IW, 15 min)

[“After Chapters XXVI-XXVII worksheet”](#)

Literature Part 2: Project- The Little Prince’s Journey Map

a. Goal/Objective: The Little Prince goes on quite the adventure visiting different planets! Your task is to map out the prince’s journey!

b. Materials needed: [Journey Map template](#) (provided), color pencils, *The Little Prince* book, pencil, or pen

c. Specific Instructions (IW=independent work)

Directions: Give the name of each Planet and 1-2 complete sentences describing the planet based on the description from the book. Using the sphere, draw a sketch of the planet. Make sure to add details from the book and to draw arrows showing the order in which he visited the planets!

You will have the full week to complete this project so make sure you work on it every day! (Plan to spend around 15 minutes a day)
(IW, 15 min.)

Daily Student Instruction Sheet

MATH

(30 min.)

I. Math

a. Goal/Objective: Students will understand and identify the **PERIMETER** of a figure in **STANDARD UNITS**.

b. Materials needed: provided worksheets

c. Specific Instructions (IW=independent; PA=parent assistance):

- 1: Parent and student review the “**Friendly Notes**” and **textbook** pages included as lesson supplement before assignment. **(PA, 5 min.)**

[Singapore Math Friendly Notes, Perimeter](#)

[Singapore Math Textbook, Ch. 13.2 Perimeter](#)

[Singapore Math Glossary of Terms](#)

- 2: Student independently completes the **Perimeter Review** worksheets. **(IW, 25 min.)** **TODAY'S ASSIGNMENT**

[Perimeter Review](#)

- 3: Several concepts from **Perimeter** are reviewed in the following videos. **(Optional, 20 min.)**

["Measuring Area and Perimeter of a Figure" video with Mr. Aniol](#)

[HW Check video, Tue 05/05 and Wed 05/06 with Mrs. Cramer](#)

["Measuring the Perimeter of Oddly Shaped Figures" video with Mr. Aniol](#)

After Chapters XXVI- XXVII

Reflect: Who was the little prince talking to when he was on the wall?

- a) the snake
- b) the pilot
- c) the rose



Reflect: Why does the little prince need the snake's help to return to his home?

Vocabulary - Context Clues: Define the vocab. words using context clues and/or a dictionary.

*“A when you’re **consoled** (everyone eventually is consoled), you’ll be glad you’ve known me”*

- a) comforted after being sad
- b) happy after being tired
- c) mad

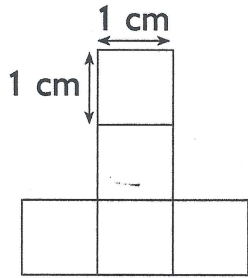
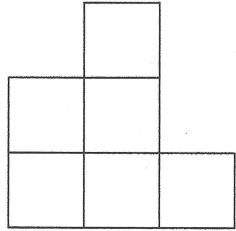
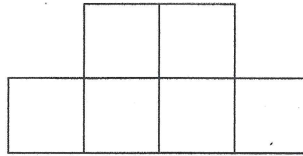
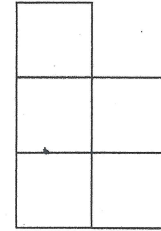
Reflect: What was the little prince’s main conflict throughout the story?

Reflect: What was the pilot’s main conflict? Hint: (Why is he telling this story pg. 12)

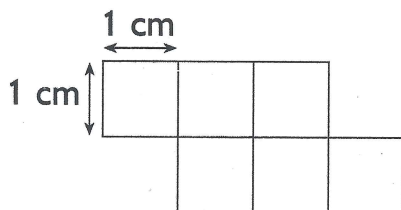
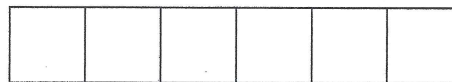
Reflect: How do the little prince and the pilot help each other overcome their conflicts.

— PERIMETER — REVIEW

Look at the figures and answer questions 4 to 6.

**A****B****C****D**

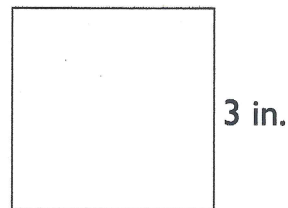
4. _____ and _____ have the same area and perimeter.
5. _____ and _____ have the same area but different perimeters.
6. _____ and _____ have the same perimeter but different areas.
7. Look at the following figures.

**X****Y**

- (a) Which figure has a longer perimeter? _____
- (b) What is the difference in perimeter between X and Y?

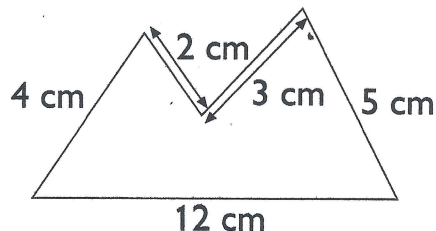
8. Find the perimeter of the square.

Its perimeter is _____.



9. Find the perimeter of the figure.

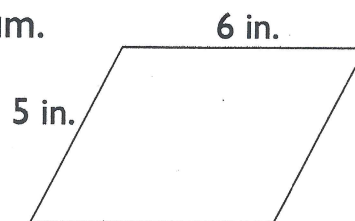
Its perimeter is _____.



10. The figure on the right is a parallelogram.

Find its perimeter.

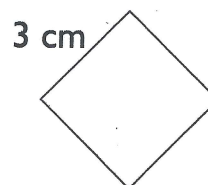
Its perimeter is _____.



11. The figure on the right is a rhombus.

Find its perimeter.

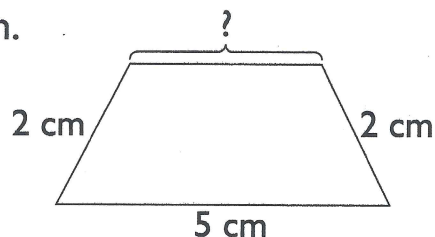
Its perimeter is _____.



12. The perimeter of the figure is 12 cm.

What is the missing length?

The missing length is _____.



Thursday

GHNO | 3rd Grade | Week 9 | 05/21

Daily Student Instruction Sheet

THURSDAY, 05/21

ELA

Reading
(+20 min. HW)

Literature- Catch
Up
(15 Minutes)

Literature Project
(15 Minutes)

I. Reading

a. Goal/Objective: Students will catch up on reading from the week or enjoy a book of your own!

b. Materials needed: *The Little Prince* by Antoine de Saint- Exupery,

Reading Log

c. Specific Instructions (IW=independent work; PA=parent assistance):

- Student will read chapter independently **OR follow along in book while listening to Read Aloud video**. **While you read, please pay special attention to the planets the little prince visits and how they are described. You will need this info for your literature project this week.

II. Literature Part 1: Catch up

a. Goal/Objective: Students will **Catch up** on Literature worksheets

b. Materials needed: **Worksheets from week 9, word search**

c. Specific Instructions (IW=independent work; PA=parent assistance):

- Use this extra time to finish any of the worksheets from Monday, Tuesday, or Wednesday.
- Enjoy this word search based on *The Little Prince* (optional)

Literature Part 2: Project- The Little Prince's Journey Map

a. Goal/Objective: The Little Prince goes on quite the adventure visiting different planets! Your task is to map out the prince's journey!

b. Materials needed: [Journey Map template](#) (provided), colored pencils, *The Little Prince* book, pencil, or pen

c. Specific Instructions (IW=independent work)

- Directions:** Give the name of each Planet and 1-2 complete sentences describing the planet based on the description from the book. Using the sphere, draw a sketch of the planet. Make sure to add details from the book and to draw arrows showing the order in which he visited the planets!
- You will have the full week to complete this project so make sure you work on it every day! (Plan to spend around 15 minutes a day) **(IW, 15 min.)**

MATH

(30 min.)

I. Math

a. Goal/Objective: Students will understand and identify the **VOLUME** of a 3-D solid in **CUBIC UNITS**.

b. Materials needed: provided worksheets

c. Specific Instructions (IW=independent; PA=parent assistance):

- 1: Parent and student review the "**Friendly Notes**" and **textbook** pages included as lesson supplement before assignment. **(PA, 5 min.)**

Daily Student Instruction Sheet

[Singapore Math Friendly Notes, Volume](#)
[Singapore Math Textbook, Ch. 13.3 Volume](#)
[Singapore Math Glossary of Terms](#)
[How to Draw 3-D Cubes with Dot Paper](#)

☐ 2: Student independently completes the **Volume Review** worksheets. (IW, 20 min.) **TODAY'S ASSIGNMENT**

[Volume Review](#)

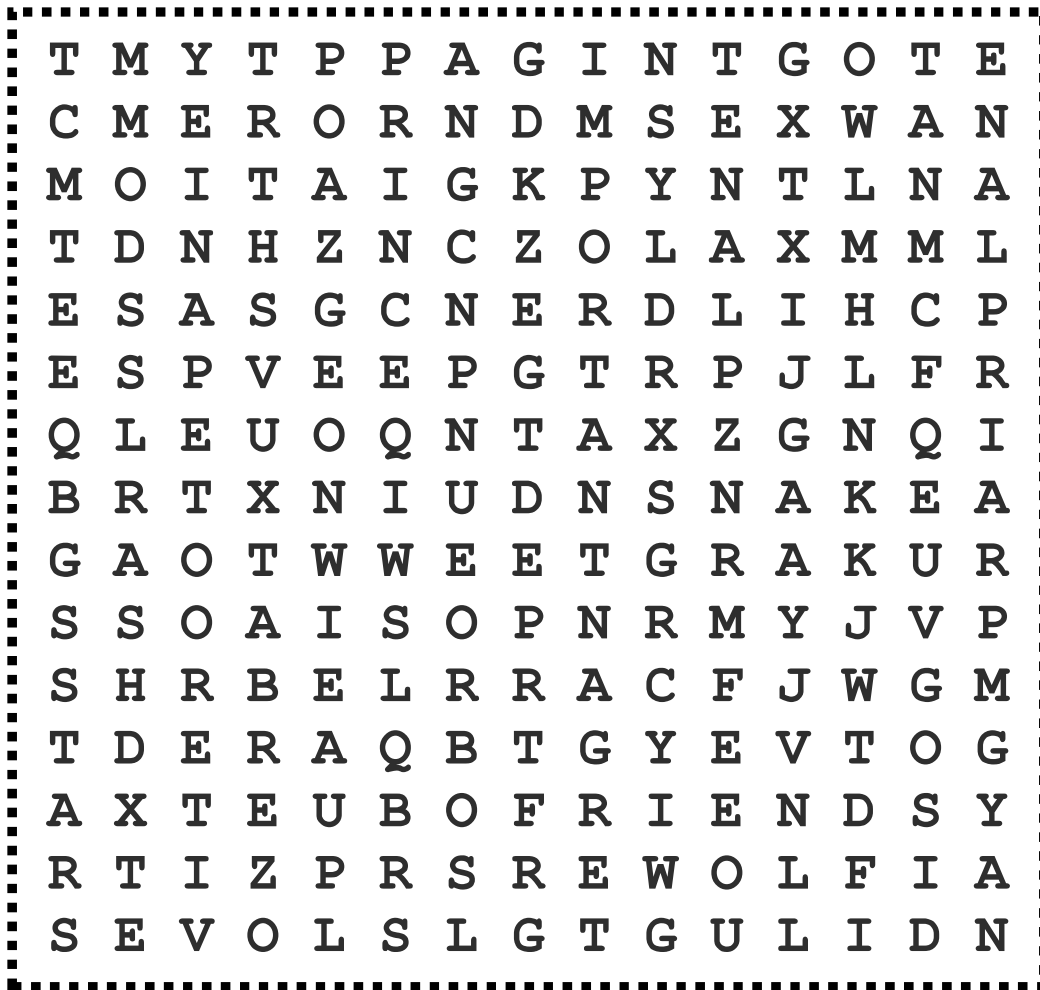
☐ 3: Several concepts from **Volume** are reviewed in the following videos. (Optional, 20 min.)

["Drawing 3-D Cubes for Volume" video with Mr. Aniol](#)

[HW Check video, Tue 05/12 and Wed 05/13 with Mrs. Cramer](#)

["Adding and Subtracting Cubes for Volume" video with Mr. Aniol](#)

The Little Prince Word Search



AIRPLANE
BAOBABS
CHILDREN
CONSEQUENCE
DESERT
DRAWING
FLOWER
FRIENDS
GROWN-UPS
IMPORTANT

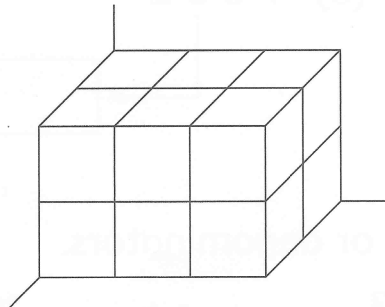
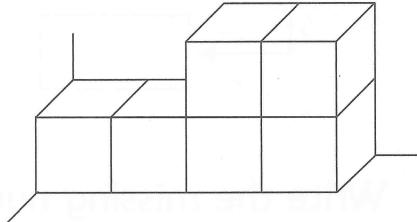
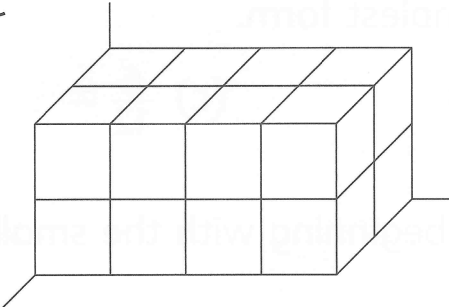
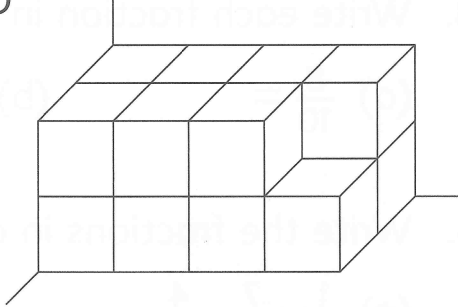
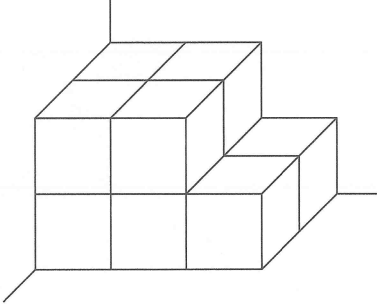
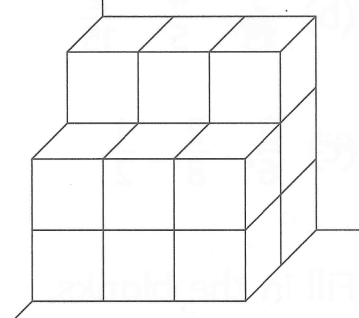


LITTLE
LOVE
NARRATOR
PLANET
PRIDE
PRINCE
SAHARA
SHEEP
SNAKE
STARS

EXERCISE 8

VOLUME REVIEW

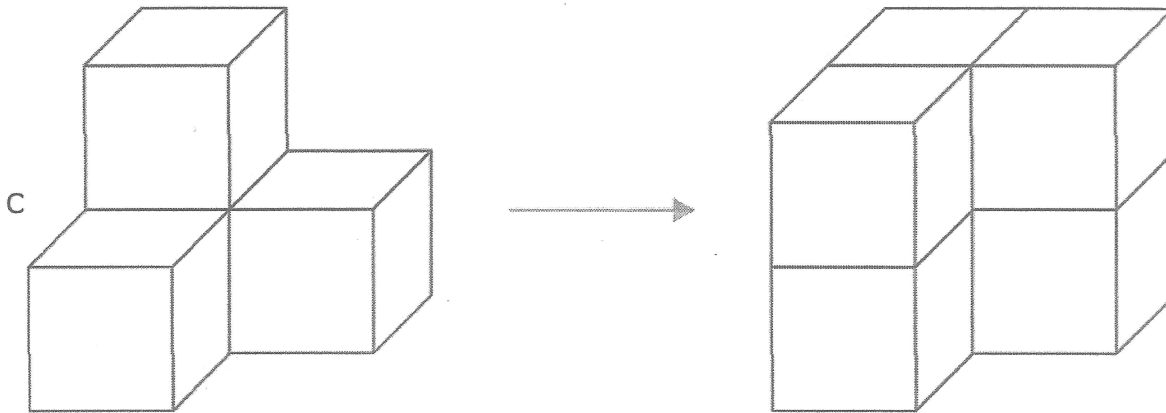
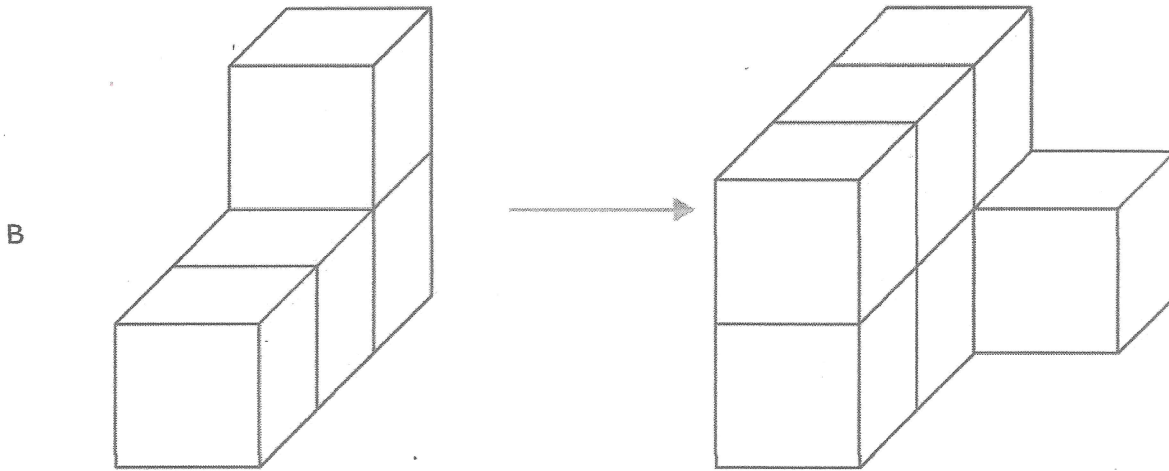
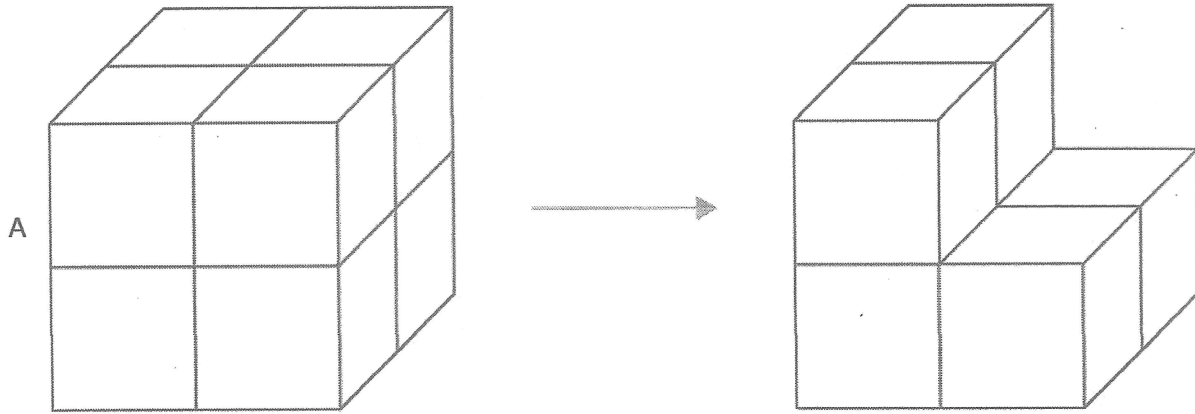
1. What is the volume of each solid?

<p>A</p>  <p>_____ cubic units</p>	<p>B</p>  <p>_____ cubic units</p>
<p>C</p>  <p>_____ cubic units</p>	<p>D</p>  <p>_____ cubic units</p>
<p>E</p>  <p>_____ cubic units</p>	<p>F</p>  <p>_____ cubic units</p>

Which solid has the greatest volume? _____

Which solid has the smallest volume? _____

How many cubes are added or removed from each figure on the left to get the figure on the right?



Answer Keys

GHNO | 3rd Grade | Week 9

Monday Key

After Chapters XX +

XXI:

Infer: "They all looked like his flower." Why was the little prince "overcome with sadness" when he encountered the many roses?



The little prince was overcome with sadness because he thought his rose was no longer special since there were other roses like her. (pg 56)

Cause and Effect: Fill in the cause.

Cause:

The little prince tames the fox.



Effect: The fox is no longer a fox like a hundred thousand other foxes, he is unique in all the world.

After Chapters XXII -XXV



Reflect: According to the railway switchman, what are the travelers searching for? a) Friends.

b) New places to live.

c) No one knows.

Reread to Clarify: *"They are lucky," the switchman said.* Why does the switchman consider children to be lucky?

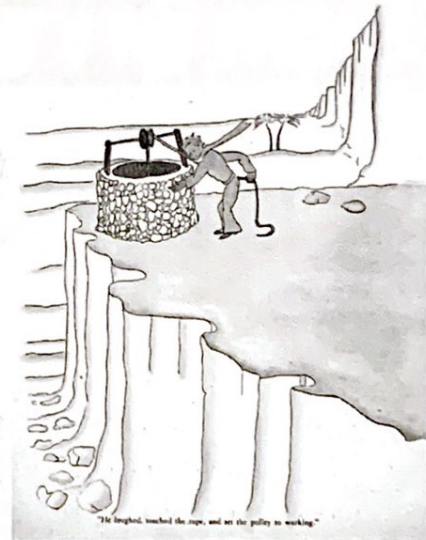
The children are lucky because they are looking at see the world and know what they want.

Reflect: When the little prince and the pilot are in search of a well, what does the pilot begin to remember?

a) Memories from his childhood.

b) That he needs to get back and repair his plane.

c) That he cannot draw.



Reflect: *"You risk tears when you let yourself be tamed."* Who has tamed the pilot?

a) The well

b) The fox

c) The little prince

Reflect: *"Tomorrow will be its anniversary."* Where was the little prince strolling to when he encountered the narrator?

a) Out of the desert.

b) Back to where he first descended to Earth.

c) To locate the fox.

Wednesday Key

After Chapters XXVI- XXVII

Reflect: Who was the little prince talking to when he was on the wall?

- a) the snake
- b) the pilot
- c) the rose



Reflect: Why does the little prince need the snake's help to return to his home?

Because the snake has the power to bring people back to where they came.

Vocabulary - Context Clues: Define the vocab. words using context clues and/or a dictionary.

"A when you're **consoled** (everyone eventually is consoled), you'll be glad you've known me"

- a) comforted after being sad
- b) happy after being tired
- c) mad

Reflect: What was the little prince's main conflict throughout the story?

He didn't know how to love his rose.

Reflect: What was the pilot's main conflict? Hint: (Why is he telling this story pg. 12)

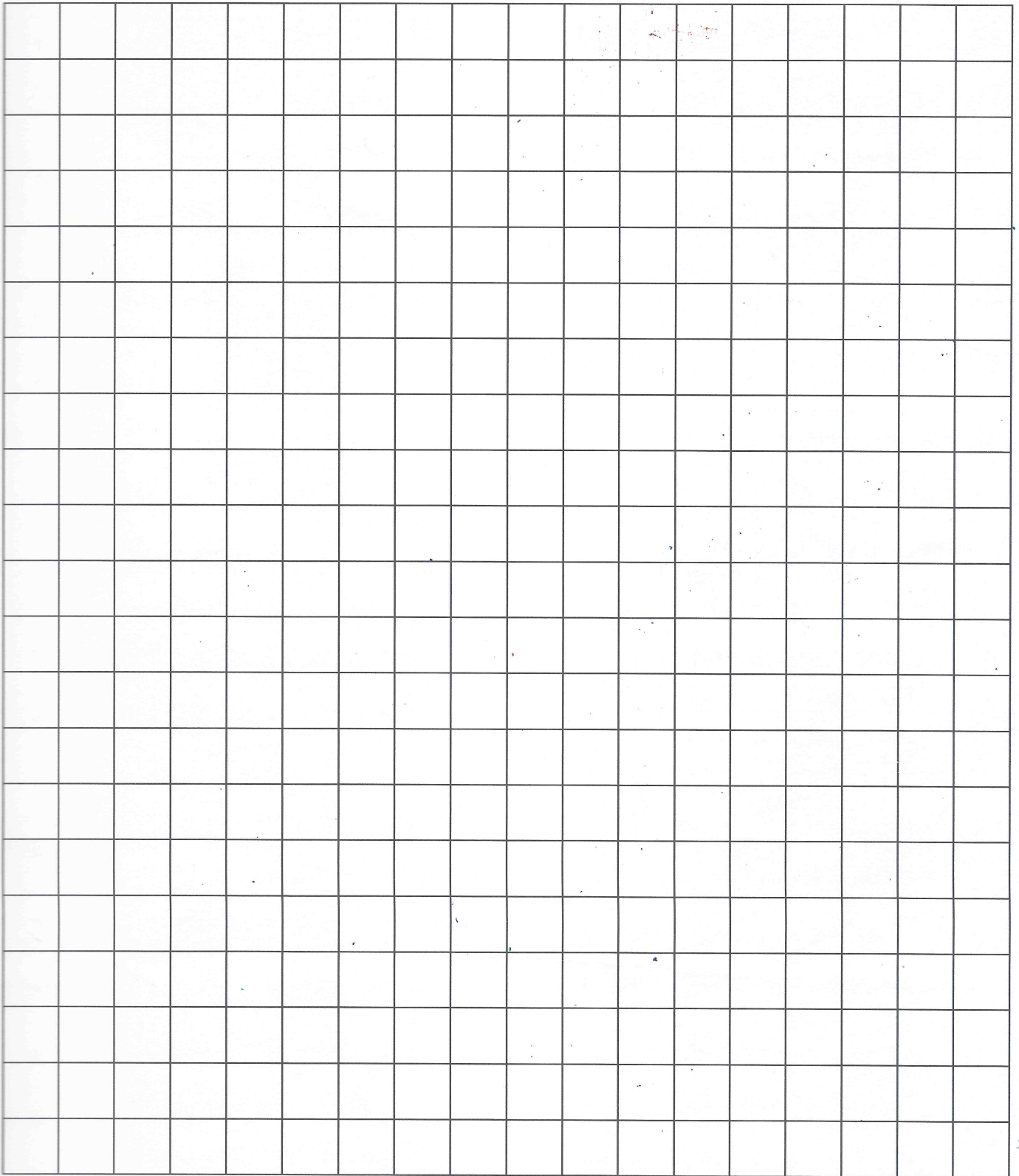
He was beginning to think like a grownup.

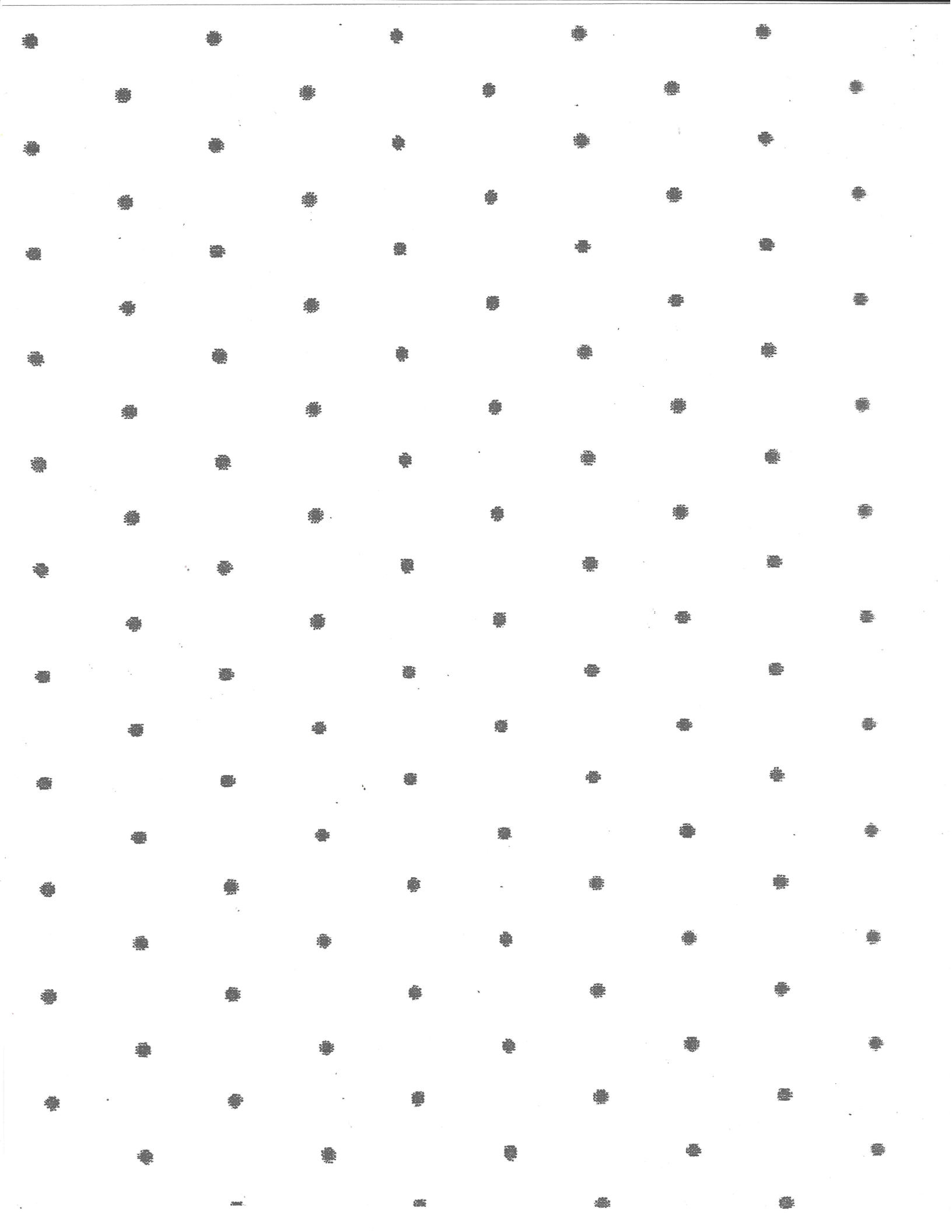
Reflect: How do the little prince and the pilot help each other overcome their conflicts.

Throughout his journey, the little prince learns what it means to love. The pilot takes care of the little prince just like how the little prince takes care of his rose. The little prince helps the pilot to see what is essential and to remember his childhood.

Square Inches

Square Centimeters





NAME:

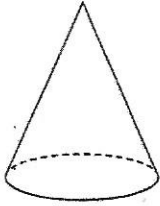
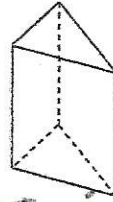
KEY

DATE:

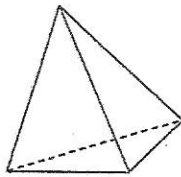
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REVIEW POLYGONS AND SOLIDS

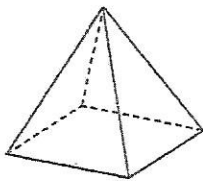
1. Name the solids.

Conetriangular
prism

2. How many vertices does a triangular pyramid have?

4

3. How many edges does a rectangular pyramid have?

8

4. Write the missing numbers in the table.

Solids	Number of faces	Number of edges	Number of vertices
Rectangular prism	6	6	8
Triangular pyramid	4	6	4
Cylinder	2	2	0
Cone	1	1	1

5.

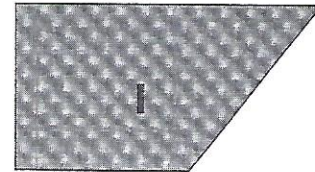
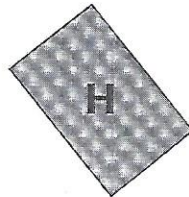
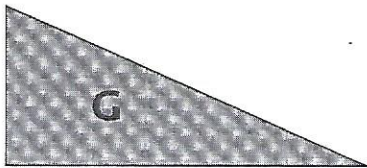
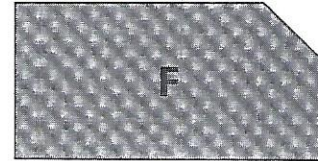
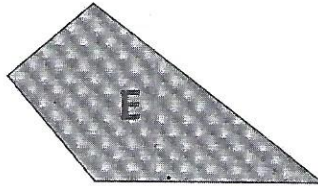
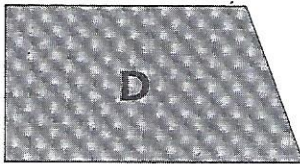
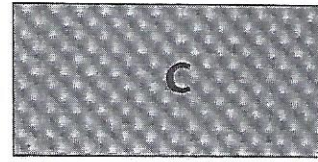
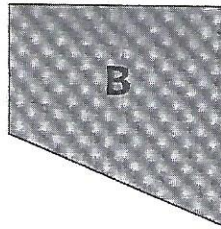
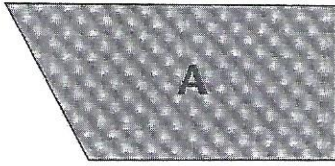


Figure	Number of sides	Number of angles	Number of right angles
A	4	4	2
B	4	4	2
C	4	4	4
D	4	4	2
E	4	4	1
F	5	5	3
G	3	3	1
H	4	4	4
I	4	4	2

Name: _____

Class: _____

Date: _____

Exercise 1 : Area

REVIEW

1. Match the shapes that have the same area.

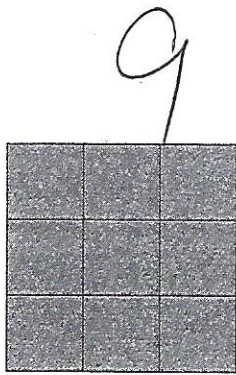
The exercise consists of 10 numbered shapes and their corresponding area values:

- 8: A cross shape made of 12 squares. Area: 12.
- 7: A shape made of 7 squares. Area: 7.
- 6: A shape made of 6 squares and 2 triangles. Area: 8.
- 9: A shape made of 9 squares and 4 triangles. Area: 12.
- 10: A shape made of 10 squares and 2 triangles. Area: 14.
- 7: A shape made of 7 squares and 2 triangles. Area: 10.
- 9: A shape made of 9 squares and 2 triangles. Area: 11.
- 10: A shape made of 10 squares and 2 triangles. Area: 14.
- 6: A shape made of 6 squares and 2 triangles. Area: 8.
- 9: A shape made of 9 squares and 2 triangles. Area: 11.

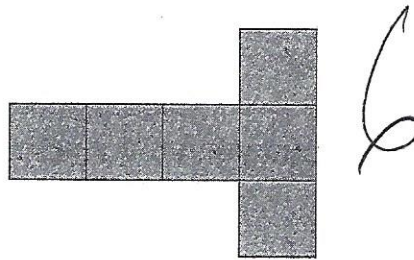
Handwritten arrows indicate the following matches:

- 8 → 10
- 7 → 7
- 6 → 6
- 9 → 9
- 10 → 10

3.



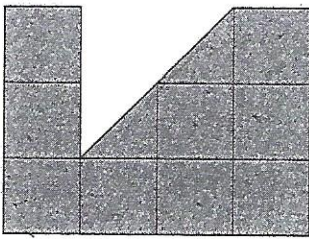
P



Q

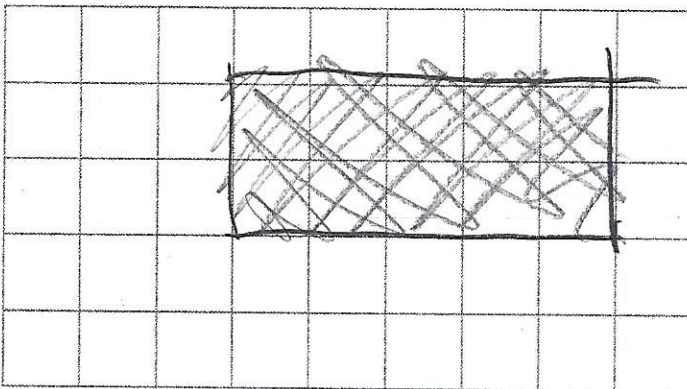
P is made up of 3 more square units than Q.

4. Look at Figure X.



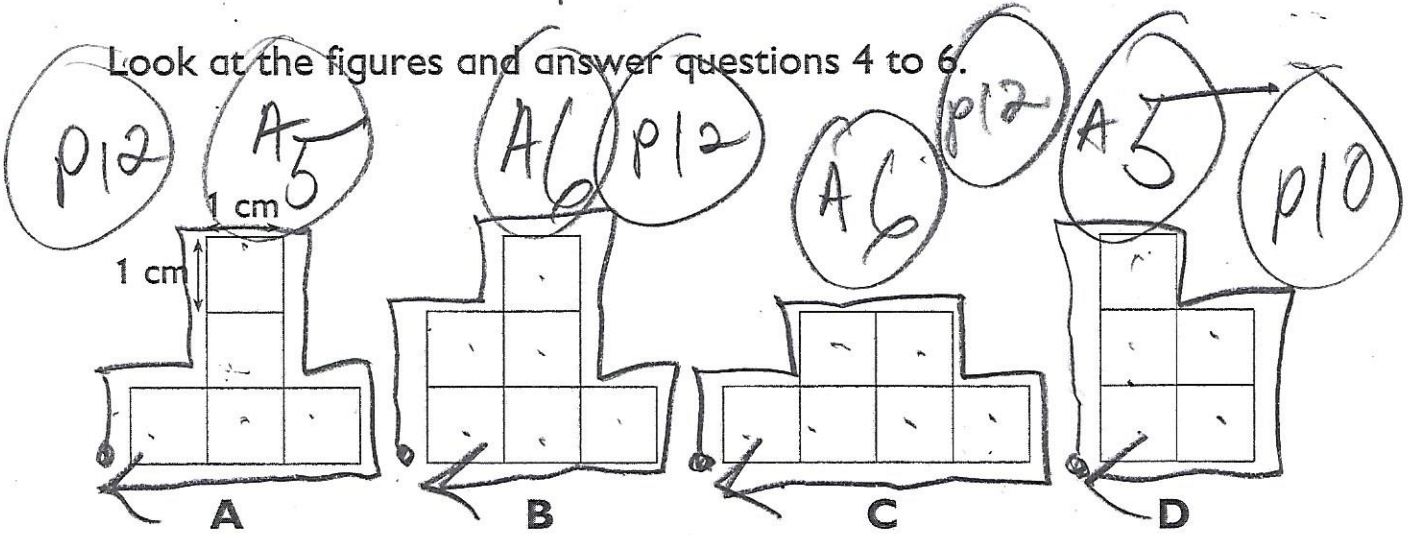
X

Draw a figure that has the same area as X and shade it.

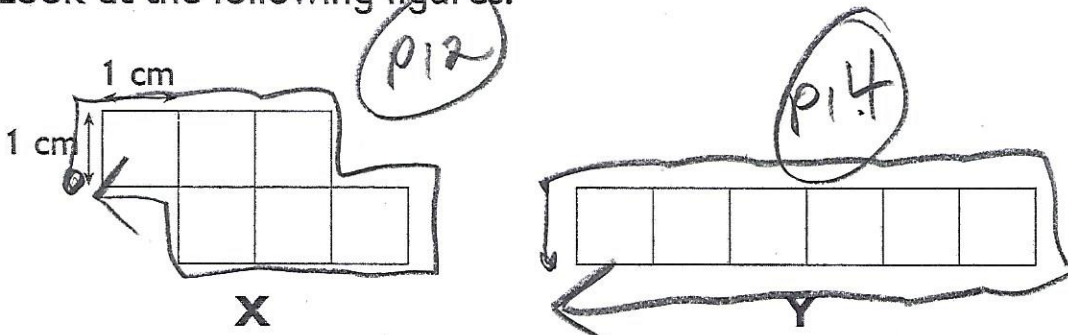


KEY
— PERIMETER —
REVIEW

Look at the figures and answer questions 4 to 6.



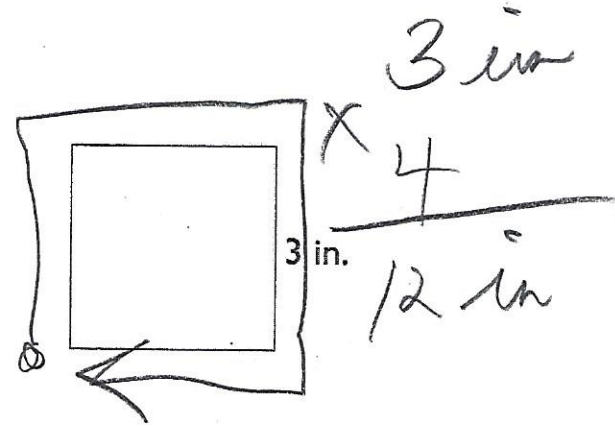
4. B and C have the same area and perimeter.
5. A and D have the same area but different perimeters.
6. A and B OR C have the same perimeter but different areas.
7. Look at the following figures.



- (a) Which figure has a longer perimeter? Y
- (b) What is the difference in perimeter between X and Y?
 2

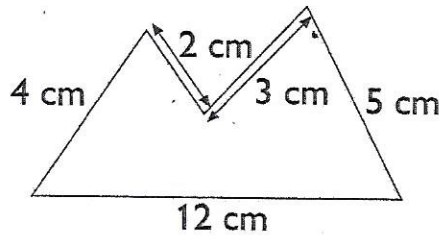
8. Find the perimeter of the square.

Its perimeter is 12 in.



9. Find the perimeter of the figure.

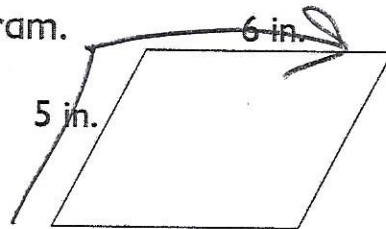
Its perimeter is 26 cm.



Handwritten calculation: $4 + 2 + 3 + 5 + 12 = 26$

10. The figure on the right is a parallelogram. Find its perimeter.

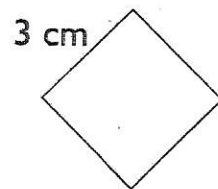
Its perimeter is 22 in.



Handwritten calculation: $5 + 6 = 11$
 $11 \times 2 = 22$

11. The figure on the right is a rhombus. Find its perimeter.

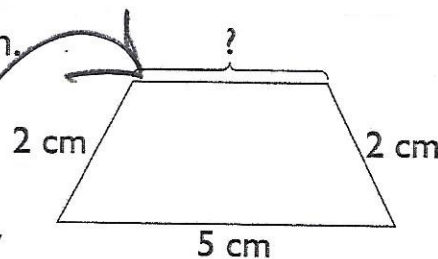
Its perimeter is 12 cm.



Handwritten calculation: $3 \times 4 = 12 \text{ cm}$

12. The perimeter of the figure is 12 cm. What is the missing length?

The missing length is 3 cm.



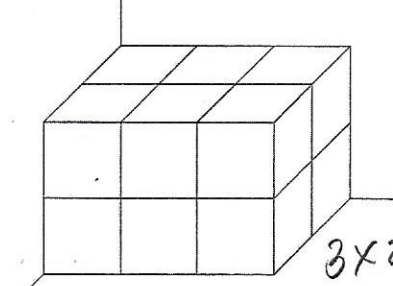
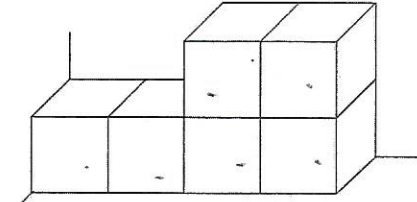
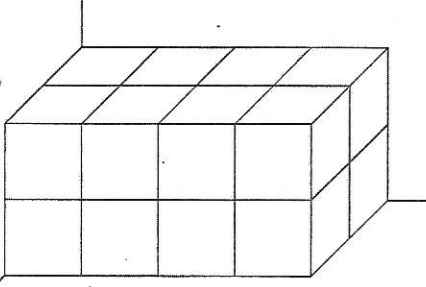
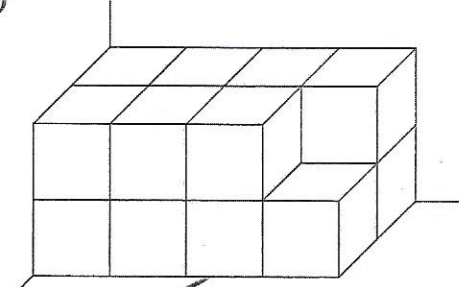
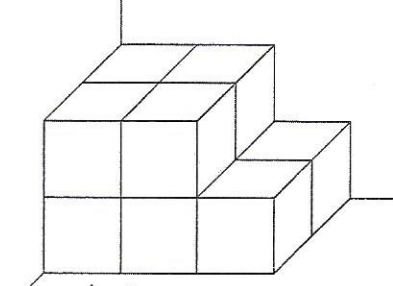
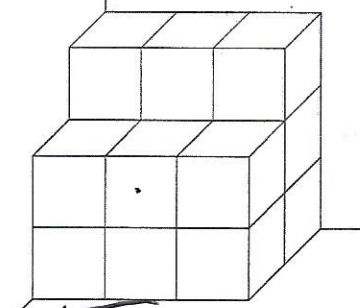
Handwritten calculation: $2 + 2 + 5 = 9$

Handwritten calculation: $12 - 9 = 3$

EXERCISE 8

VOLUME REVIEW

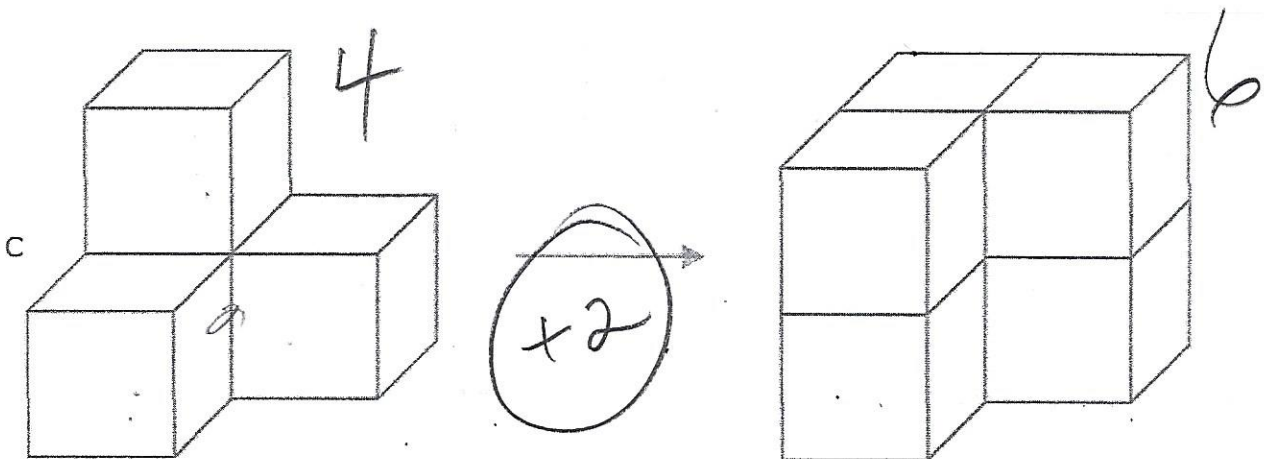
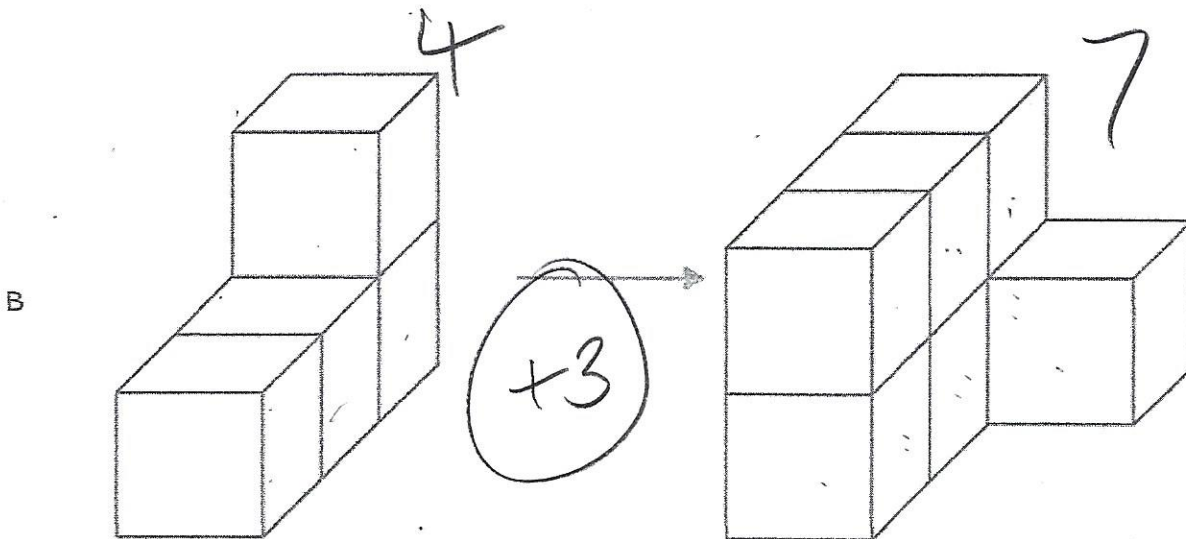
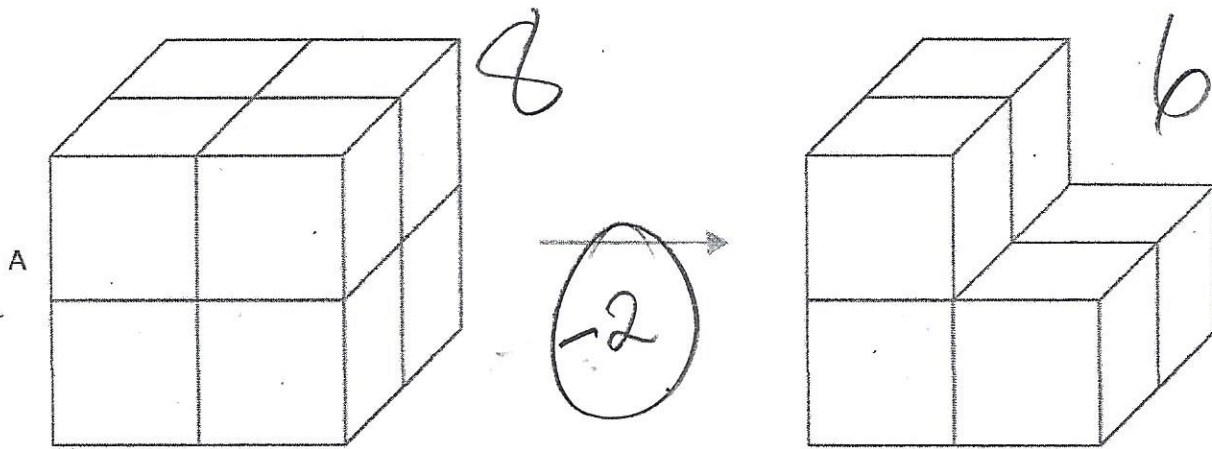
1. What is the volume of each solid?

<p>A</p>  <p>$3 \times 2 = 6$ $+ 6$ <u>12</u> cubic units</p>	<p>B</p>  <p><u>6</u> cubic units</p>
<p>C</p>  <p>12 $+ 4$ <u>16</u> <u>16</u> cubic units</p>	<p>D</p>  <p><u>15</u> cubic units</p>
<p>E</p>  <p><u>10</u> cubic units</p>	<p>F</p>  <p><u>15</u> cubic units</p>

Which solid has the greatest volume? C

Which solid has the smallest volume? B

How many cubes are added or removed from each figure on the left to get the figure on the right?



Name: _____ Date: _____ #: _____

Graded Review

GHNO | 3rd Grade | Week 9 | 05/22

Mathematics

Daily Student Instruction Sheet

FRIDAY, 05/22

DUE MONDAY, 05/25

End-of-Week Graded Review:

Today is our weekly graded review, which will serve as the graded portion of this packet. We ask that students take this assessment independent of adult help or collaboration with other students. However, students are welcome to use any of their readings, textbook pages, or work from Monday - Thursday of this week.

The reviews only cover materials students have learned this week.

Below are instructions for each portion of the graded review with a suggested time limit for each portion. The graded review is intended to take 45 minutes on average. We recommend that students take a break between subjects, rather than completing the graded review in one sitting.

Literature Project- The Little Prince's Journey Map

- a. Goal/Objective: The Little Prince goes on quite the adventure visiting different planets! Your task is to map out the prince's journey!
- b. Materials needed: [Journey Map template](#) (provided), colored pencils, *The Little Prince* book, pencil, or pen
- c. Specific Instructions (IW=independent work)
 - Directions:** Give the name of each Planet and 1-2 complete sentences describing the planet based on the description from the book. Using the sphere, draw a sketch of the planet. Make sure to add details from the book and to draw arrows showing the order in which he visited the planets!
 - Complete** the project today and **turn it in** with your math graded review!

MATH
(30 min.)

I. **Math**

Goal/Objective: Students will demonstrate understanding of basic facts related to **GEOMETRY**.

b. Materials needed: provided worksheets

c. Specific Instructions (IW=independent; PA=parent assistance):

- 1: Parent and student read the **textbook** pages included as lesson supplement before the assignment. **(PA, 5 min.)**

Daily Student Instruction Sheet

[Singapore Math Textbook, Ch. 13.1 Area](#)

[Singapore Math Textbook, Ch. 13.2 Perimeter](#)

[Singapore Math Textbook, Ch. 13.3 Volume](#)

2: Student independently completes the “**Geometry: Graded Review**” worksheets. (**IW, 45 min.**)

[Geometry: Graded Review](#)

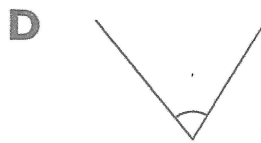
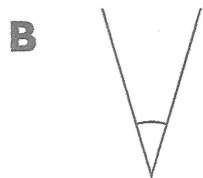
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DATE:

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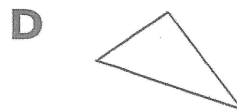
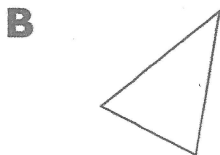
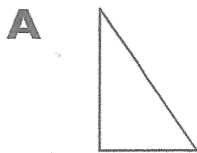
GEOMETRY GRADED REVIEW

1. Which angle is the greatest?

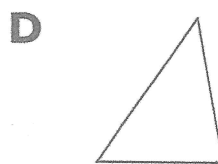
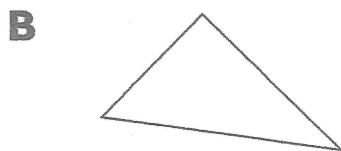
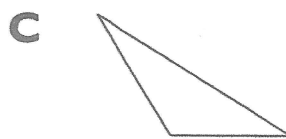


2. Look at these triangles.

Which triangle has **all** its angles smaller than a right angle?



3. Which of the following is a right triangle?



4. A polygon with 5 sides and 5 angles is called a _____.

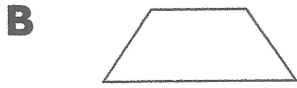
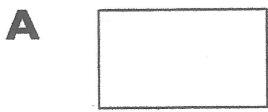
A quadrilateral

C pentagon

B octagon

D hexagon

5. Which of the following has four equal sides?



6. How many sides and angles does an octagon have?

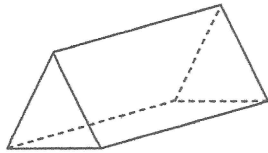
A 4 sides and 4 angles

C 6 sides and 8 angles

B 8 sides and 4 angles

D 8 sides and 8 angles

7. How many edges does the solid have?



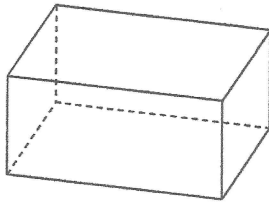
A 5

C 9

B 6

D 12

8. How many vertices does the solid have?



A 4

C 8

B 6

D 12

9. Which solid has 4 vertices?

A triangular pyramid

C square prism

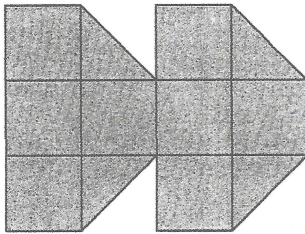
B cylinder

D cone

Circle the correct option, **A**, **B**, **C** or **D**.

10.

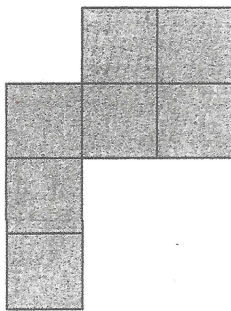
Each  stands for 1 square unit.
What is the area of the figure?



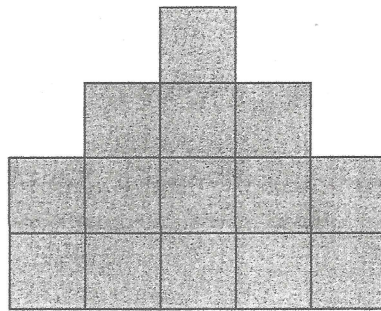
- A** 5 square units
B 6 square units

- C** 10 square units
D 11 square units

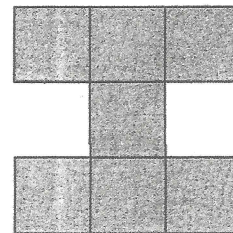
Look at the figures and answer questions 11 and 12.



P



Q



R

11.

Which figures have the same area?

- A** P and Q
B Q and R

- C** P and R
D P, Q and R

12.

What is the difference in area between Q and R?

- A** 6 square units
B 7 square units

- C** 8 square units
D 15 square units

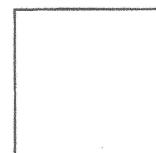
13.

What is the perimeter of the square?

- A** 5 in.
B 10 in.

- C** 20 in.
D 25 in.

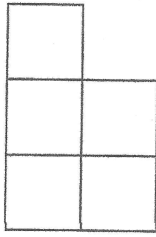
5 in.



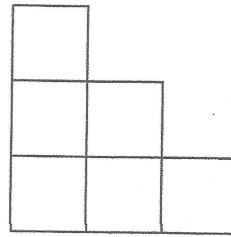
14.

Which figure has the shortest perimeter?

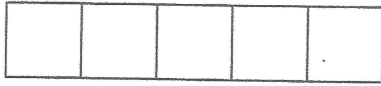
A



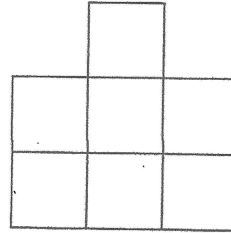
C



B



D



15.

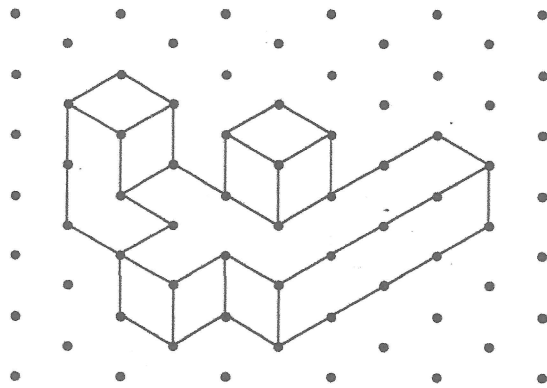
How many unit cubes are needed to form the solid?

A 8

B 9

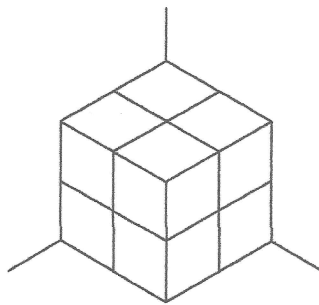
C 10

D 11



16.

What is the volume of the solid?



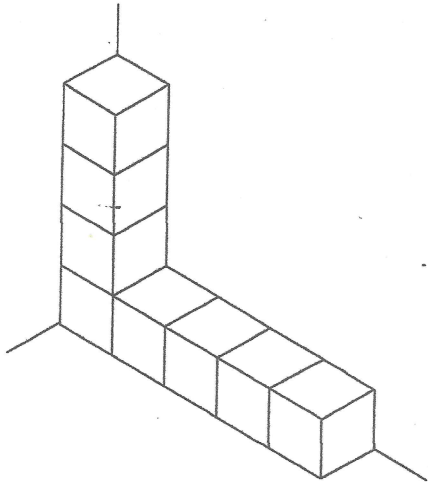
A 4 cubic units

B 6 cubic units

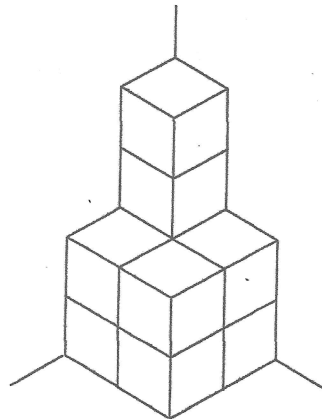
C 8 cubic units

D 12 cubic units

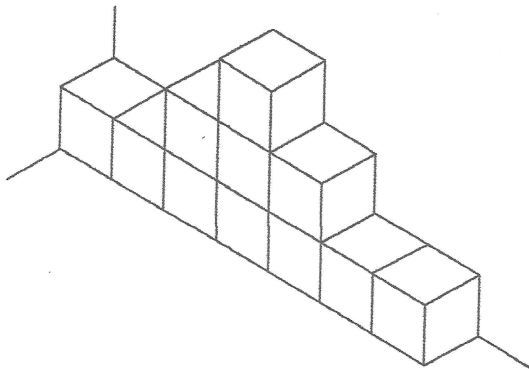
BONUS:



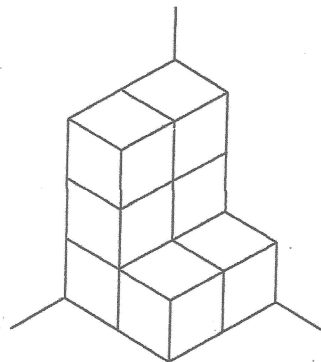
P



Q



R



S

Which figure has a volume of 10 cubic units?

A P

C R

B Q

D S