Name_____

Brighter Choice
Charter School for Boys

- -

Dear Educator,

My signature is proof that I have reviewed my scholar's work and supported him to the best of my ability to complete all assignments.

_____   _____
(Parent Signature)   (Date)

Parents please note that all academic packets are also available on our website at www.brighterchoice.org under the heading "Remote Learning." All academic packet assignments are mandatory and must be completed by all scholars.

Name:_____ Week 27 Day 1-2 Date:_____

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Homework – Mod 4 End of Mod 4 SPA Review

Solve.

$$\frac{1}{3} \; x \; \frac{5}{12}$$

$$\frac{2}{8} \; of \; \frac{2}{4}$$

$$\frac{4}{9} \div 15$$

$$4 \div \frac{2}{5}$$

3.5 x 0.7

4.2 ÷ 0.6

Convert the fractions to decimals.

$\frac{2}{5}$ = _____ $\frac{12}{20}$ = _____

Write the expression and solve.

one-eighth the product of one-tenth and one-ninth

Expression _____

Answer: _____

Use C-U-B-E-S to solve the following problems.

Mrs. Clute had 40 bags of chips $\frac{1}{4}$ of the bags of chips are plain and $\frac{1}{2}$ of the remaining bags of chips were barbeque. The rest of the chips were sour cream. How many bags were plain, barbeque, and sour cream?

Plain _____ Barbeque _____ Sour Cream _____

Name:_____ Week 27 Day 3 Date:_____

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Homework – Mod 5 Packet 1
Order of Operations
P E M D A S

Parenthesis ► **E**xponents ► **M**ultiplication ► **D**ivision ► **A**ddition ► **S**ubtraction

4 x 7 – 6 ÷ 3

P

E

M

D

A

S

2 + 63 ÷ 9

P

E

M

D

A

S

[10 – 18 ÷ 3] + 1

P

E

M

D

A

S

Name:_____ Week 27 Day 4 Date:_____

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Homework – Mod 5 Packet 2

Order of Operations

P E M D A S

Parenthesis ► **E**xponents ► **M**ultiplication ► **D**ivision ► **A**ddition ► **S**ubtraction

40 + 5 – 7 x 4	**3(12 – 5) + 8 x 4**
P	P
E	E
M	M
D	D
A	A
S	S

48 – 24 ÷ 3 + 1

P

E

M

D

A

S

Name:_____ Week 27 Day 5 Date:_____

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Homework – Mod 5 Packet 3
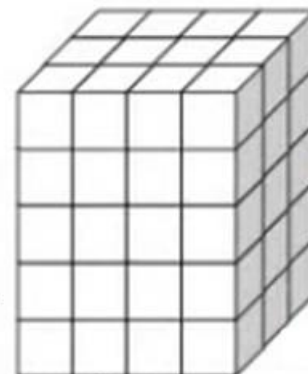
1. Fill in the missing information.

   Number of layers: _____

   Number of cubes in each layer: _____

   Volume: _____ cubic centimeters

2. Anthony makes a prism ③ inches across and ② inches wide. He then decides to create layers equal to his first one. Fill in the chart below, and explain how you know the volume of each new prism.
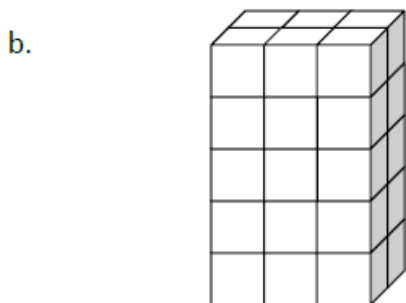
Number of layers	Formula	Volume
2		
3		
4		

Name:_____ Week 28 Day 1 Date:_____
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Homework – Mod 5 Packet 4

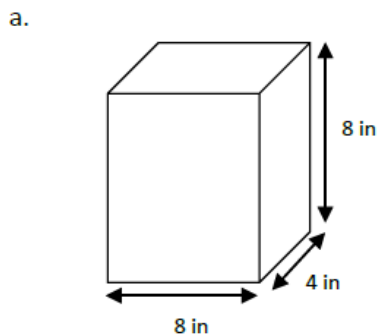1. Each rectangular prism is built from centimeter cubes. State the dimensions, and find the volume.

a.

Length: _____ cm

Width: _____ cm

Height: _____ cm

Volume: _____ cm³

b.
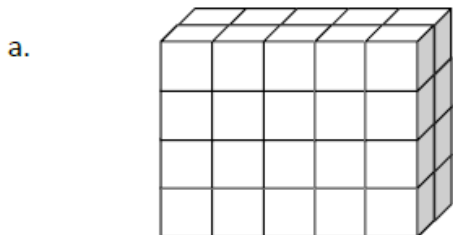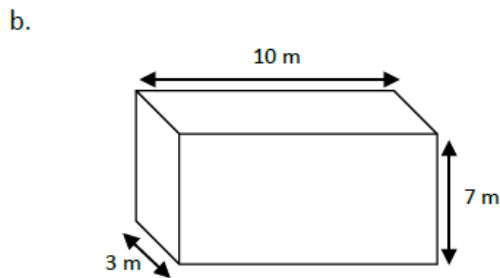
Length: _____ cm

Width: _____ cm

Height: _____ cm

Volume: _____ cm³

2. Calculate the volume of each rectangular prism. Include the units in your number sentences.

a.

8 in

4 in

8 in

b.

10 m

7 m

3 m

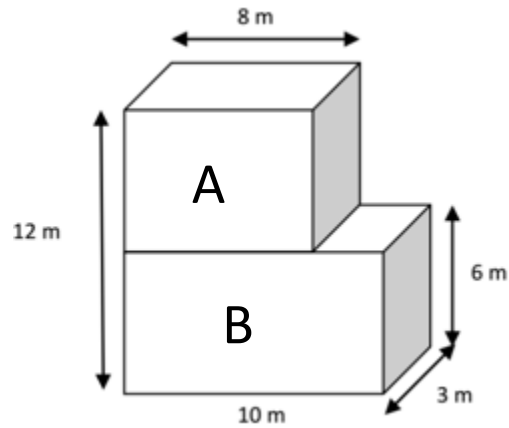Volume: _____

Volume: _____

Name:_____ Week 28 Day 2 Date:_____

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Homework – Mod 5 Packet 5

Find the volume of the following solid figure.

A	B	A + B

Name:_____ Week 28 Day 3 Date:_____

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Homework – Mod 5 Packet 6

1. Karter keeps his favorite toys in a box that is 12 inches long, 8 inches wide, and 4 inches high. <u>What is the volume of the box?</u>

    Answer _____in³

2. The Scott family wants to fill up their swimming pool to the very top with water. The length of the pool is 50 meters and the width is 25 meters. The pool is 10 meters deep. <u>How much water will the pool hold?</u>

    Answer _____ m³

Name:_____ Week 28 Day 4 Date:_____

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Homework – Mod 5 Packet 7

1. Mrs. Clute's bedroom closet has a base of 6 square meters and a height of 8 meters. <u>What is the volume of her closet?</u>

    Volume:_____m³

2. A storage shed is a rectangular prism and has dimensions of 6 meters by 5 meters by 12 meters. <u>What is the volume of the storage shed</u>?

    Volume:_____m³