Name_____

Brighter Choice
Charter School for Boys

5th Grade Modified Homework (Math) Remote Learning Packet

Weeks 30-31

- -

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 30 Day 1 Date:_____

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<u>Homework – Mod 5 Packet 8</u>

Find the area of the following rectangles.

a. $\frac{8}{3}$ cm x $\frac{12}{4}$ cm

b. $\frac{10}{3}$ ft $1\frac{3}{5}$ ft

c. $\frac{5}{6}$ in x $2\frac{2}{5}$ in

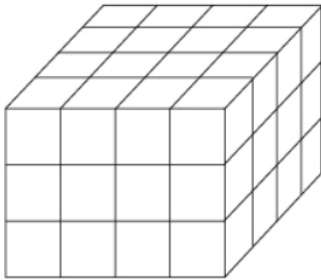d. $\frac{5}{7}$ m x $\frac{3}{5}$ m

Name:_____ Week 30 Day 2-3 Date:_____

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Module 5 Mid-Module SPA Review Homework (2 pages)
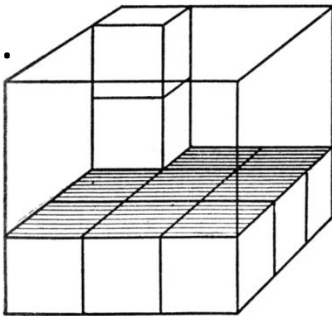
Find the volume of the following prisms.

1.

Length: _____
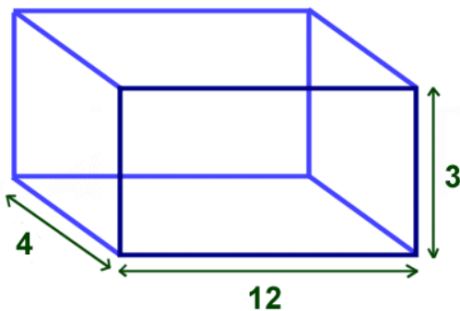Width: _____
Height: _____

Volume: _____ cubic units

2.

Length: _____
Width: _____
Height: _____

Volume: _____ cubic units

3.

3

4

12

Volume: _____ cubic units

4. Use the order of operations to solve the following problems.

$$15 \div 3 \times 5 \, (14 - 6)$$

5. Use the order of operations to solve the following problems.

$$12 \times 5 \, \div [10 + (6 - 4)]$$

Name:_____ Week 30 Day 5 Date:_____

Homework – Mod 5 Packet 9

The width of a picnic table is ③ times its length. If the length is $\frac{5}{6}$ yd long, <u>what is the area of the picnic table in square feet?</u>

Answer: _____yd²

Name:_____ Week 31 Day 1 Date:_____
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Homework – Mod 5 Packet 10

Answer each question from the clues provided.

1. How many sides does a quadrilateral have?

   1. _____

2. How many pairs of parallel sides does a rectangle have?

   2. _____

3. How many pairs of parallel sides does a trapezoid have?

   3. _____

4. Name two quadrilaterals in which all the sides have an equal length.

   4. _____

   _____

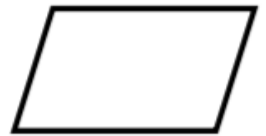5. Name two quadrilaterals that have four right angles.

   5. _____

   _____

Mod 5 Packet 11

Name:_____ Week 31 Day 2 Date:_____

Homework – Mod 5 Packet 11

Match the quadrilateral with its definition.

a.

Parallelogram

_____ **1.** All sides are the same length.
There are four right angles.

b.

Rectangle

_____ **2.** There is only one pair of parallel sides.

c.

Trapezoid

_____ **3.** Opposite sides are parallel and the
same length. There are four right angles.

d.

Rhombus

_____ **4.** There are two pairs of parallel sides.
All sides are the same length.

_____ **5.** There are two pairs of opposite parallel
sides.

e.

Square

Mod 5 Packet 12

Name:_____ Week 31 Day 3 Date:_____

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Homework – Mod 5 Packet 12

The chart below shows the dimensions of various rectangular packing boxes.

Box Type	Dimensions (l × w × h)
Book Box	12 in × 12 in × 12 in
Picture Box	36 in × 12 in × 36 in
Lamp Box	12 in × 9 in × 48 in
The Flat	12 in × 6 in × 24 in

Calculate the volume of:

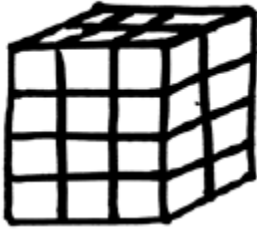Book Box: _____   Picture Box:_____

Lamp Box:_____   Flat:_____

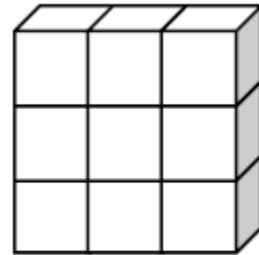Which packing box has the greatest volume?_____

Name:_____ Week 31 Day 4-5 Date:_____

Homework – Mod 5 End of Mod SPA Review (2 pages)

Tell the volume of each solid figure made of inch cubes. Specify the correct unit of measure.

V = _____units³   V = _____units³

Find the area of rectangle with the following dimensions.

$$2\frac{2}{3} \times 1\frac{1}{2}$$

Area = _____units²

A rectangular prism has an area of 15 ft² and a height of 5 ft. <u>What is the volume of this rectangular prism?</u>

Volume = _____ ft³

A garden box has a width of $2\frac{1}{2}$ feet. If the length is 9 feet, <u>what is the area of the garden box?</u>

Area = _____ ft²

A square, rectangle, and rhombus can also be called this quadrilateral. _____

Trapezoids have _____ pair of parallel sides.

A _____ is also known as a rectangle, parallelogram and rhombus.

A four sided object is called a _____.