WELCOME

Mrs. Bunker | 2018 | Ms. Ledsome

Summer Math

Please have your child log into Math Magician periodically and work on math facts. Each student should bring two certificates (score of 99% or 100%) for mixed multiplication and division completed in two different months. In addition, please have your child complete the four review worksheets attached.

In fifth-grade, the biggest math struggle for most students is geometry. Any opportunity you can give your child to identify shapes, measure perimeters, compare angles, draw, fold, etc., is really helpful. For those who love computer games and apps, there are lots available on geometry. Three apps that I have tried are: Doodle Fit, Shape Lab, Shapes 3D Geometry Learning.

Summer Reading

Students entering the fifth-grade are required to read two books over the summer. Attached are the two book report templates that must be completed. These reports are due on the first day of school and will be graded. There will be a test on the nonfiction novel within the first week of school.

Hatchet by Gary Paulsen and *Shh! We're Writing the Constitution* by Jean Fritz are the two books you will reading over the summer.

We are looking forward to a great year. Have a wonderful and relaxing summer.

Mrs. Bunker and Ms. Ledsome

Fifth Grade Summer Reading
Nonfiction Book Report

Name:_____ **Date:**_____

Book Title:_____ **Author:** _____

Subject: Describe who or what the book is about. Tell what you already knew about his subject before you read the book and what you hoped to learn from the book.

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Main Points: List at least 5 main points in the book (ex. important events/people involved in an particular time in history).

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Fascinating Facts: Share at least 3 incredibly interesting facts you learned from this book.

Evaluation: In your opinion, is the subject of this book important? Give at least 3 reasons to support your answer.

Connections: Good readers make personal connections with what they read. Good literature inspires those connections. Describe the connections you made with the subject of your book (ex. you and the subject share similar traits -give examples; the subject made you appreciate and/or view some aspect of your life in a different way; the subject inspired you to make a change in your life).

Fifth Grade Summer Reading
Fiction Book Report

Name: _____Book Title: _____

Author _____Date: _____

Characters: State two or three main characters in the book. Give at least two character traits for each character. Cite an example of the character displaying the trait. This needs to be written in complete sentences.

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Conflict: What is the conflict in the story? What type of conflict is it? Which characters are involved in the conflict? How is the conflict resolved?

Setting: Where and when does this story take place? How is the place important in the story?

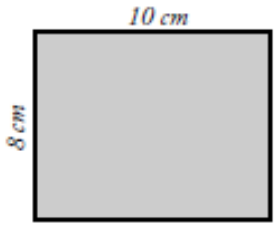
Theme: Themes express what the author wants the reader to think about or act on in a story. What is the theme of this book? (family, friendship, love, gratitude, sacrifice, individuality, choices, hope, etc.

Vocabulary: Choose two new words that you have learned through reading this book. In your own words, write what the word means and how it was used in the story.

Summary: Please write at least five sentences summarizing your book. Try to tell only the most important parts of the story. You don't need to describe the characters because you have already done that. Choose your words carefully. Why is this story important?

Name: _____

Area of a Rectangle



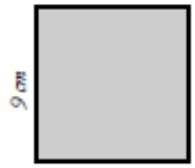
To find the area of a rectangle, use the formula **length x width = area.**
This formula is often written as $l \times w = A$.

The rectangle pictured here has a length of 10 cm and a width of 8 cm.
l = 10 cm
w = 8 cm
10 cm x 8 cm = 80 cm^2

Note that the area's unit is written as cm^2.
This is said as "square centimeters" or "centimeters squared".

Find the area of each rectangle.

a.



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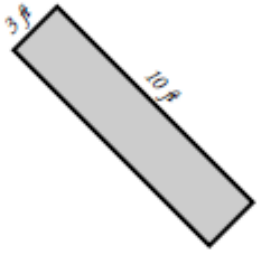
b.



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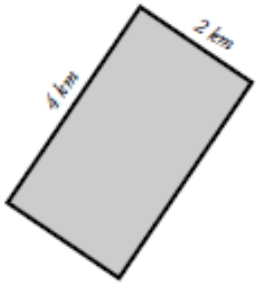
c.



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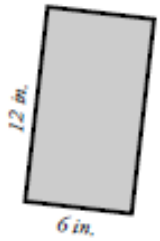
d.



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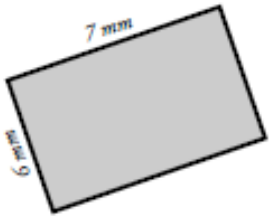
e.



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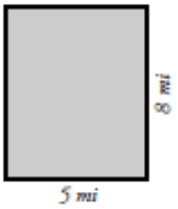
f.



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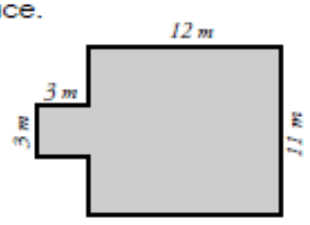
Challenge: Find the area of the polygon. All corners are 90°. Use the back if you need work space.



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Multiply in columns - 2 digit by 4 digit

Grade 5 Multiplication Worksheet

Find the product.

1. 7,689 × 36 = _____

2. 1,553 × 92 = _____

3. 5,551 × 18 = _____

4. 8,854 × 17 = _____

5. 6,828 × 80 = _____

6. 6,679 × 84 = _____

7. 6,988 × 83 = _____

8. 9,688 × 54 = _____

9. 1,141 × 82 = _____

Long Division with remainders within 1-100,000

Grade 5 Division Worksheet

Find the quotient with remainder.

1. $5\overline{)65{,}749}$

2. $6\overline{)22{,}176}$

3. $5\overline{)25{,}931}$

4. $4\overline{)71{,}568}$

5. $7\overline{)98{,}694}$

6. $9\overline{)81{,}844}$

Name: _____

Simplifying Fractions

To simplify a fraction, divide the numerator and the denominator by the greatest common factor.

example: Simplify the fraction $\frac{18}{27}$

The greatest common factor of 18 and 27 is 9.

Divide the numerator and the denominator by 9.

$$\frac{18}{27} \div \frac{9}{9} = \frac{2}{3}$$

Simplify each fraction.

a. $\frac{4}{20}$ =

b. $\frac{5}{10}$ =

c. $\frac{14}{21}$ =

d. $\frac{9}{15}$ =

e. $\frac{16}{24}$ =

f. $\frac{18}{48}$ =

g. $\frac{16}{44}$ =

h. $\frac{9}{21}$ =

i. $\frac{25}{30}$ =

j. $\frac{8}{22}$ =

k. $\frac{12}{30}$ =

l. $\frac{5}{20}$ =

q. There are 36 students in Frank's class. 27 of them are buying lunch today. Write and simplify the fraction of students that are buying lunch.