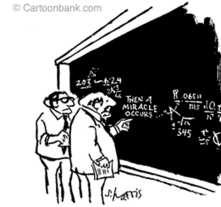


Learning Objective: Pupils will be able to identify the key aspects of their child's math class.

WARM UP

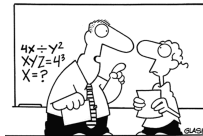


"Of course you don't feel any better. Two years ago I gave you six months to live. You do the math."

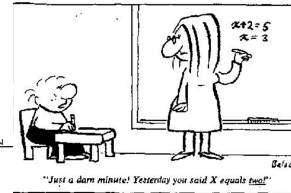


"I think you should be more explicit here in step two."

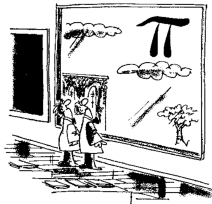
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"Algebra class will be important to you later in life because there's going to be a test six weeks from now."



"Just a darn minute! Yesterday you said X equals two!"



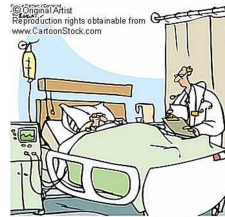
"I asked you a question, buddy. ... What's the square root of 5,248?"



"Uh, yeah, Homework Help Line? I need to have you explain the Quadratic Equation in roughly the amount of time it takes to get a cup of coffee."

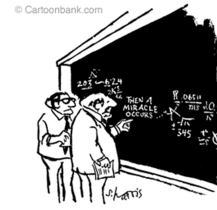
Learning Objective: Parents will be able to identify the key aspects of their child's math class.

WARM UP ANSWERS



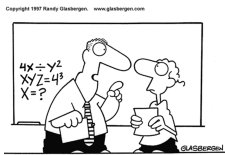
"Of course you don't feel any better. Two years ago I gave you six months to live. You do the math."

Funny!



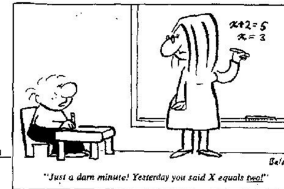
"I think you should be more explicit here in step two."

Funnier!



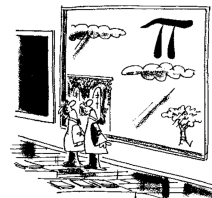
"Algebra class will be important to you later in life because there's going to be a test six weeks from now."

Somewhat funny.



"Just a darn minute! Yesterday you said X equals five!"

Ok... not that funny.



Humorous.



"I asked you a question, buddy... What's the square root of 5.248?"

Gary Larson is always funny!



"Uh, yeah, Homework Help Line? I need to have you explain the Quadratic Equation in roughly the amount of time it takes to get a cup of coffee."

It's funny because it's true!

Learning Objective: Parents will be able to identify the key aspects of their child's math class.

HOMework ANSWERS

You found room 349 in Roger Ludlowe Middle School!

Congrats!



Lesson 9.22

September 22, 2016

Essential Question

What should you expect from your child's math class this year?

LESSON OBJECTIVE:

Parents will be able to:

identify the key aspects of their child's math class.

Learning Objective: Parents will be able to identify the key aspects of their child's math class.

SELF-EVALUATION SCALE

Score	Description
4	I can teach other parents about the key aspects of my child's math class.
3	I can identify the key aspects of my child's math class.
2	I recognize, but still need help to identify the key aspects of my child's math class.
1	I do not know the key aspects of my child's math class.

Learning Objective: Parents will be able to identify the key aspects of their child's math class.

ACTIVITY

Every lesson starts out with an inquiry based activity.

Allows for students to explore new concepts and gain background knowledge before direct teaching begins.

Learning Objective: Parents will be able to identify the key aspects of their child's math class.

COURSE DESCRIPTION

- completing understanding of division of fractions
- connecting ratio and rate to whole number multiplication and division, and using concepts of ratio and rate to solve problems, which includes negative numbers
- writing, interpreting, and using expressions and equations
- developing understanding of statistical thinking
- extending the concept of area to surface area and volume
- developing understanding of statistical thinking.

Learning Objective: Parents will be able to identify the key aspects of their child's math class.

COURSE OBJECTIVES

Students should:

- Apply and extend previous understandings of multiplication and division to divide fractions by fractions.
- Understand ratio concepts and use ratio reasoning to solve problems.
- Compute fluently with multi-digit numbers and find common factors and multiples.
- Apply and extend previous understandings of numbers to the system of rational numbers.
- Apply and extend previous understandings of arithmetic to algebraic expressions.
- Reason about and solve one-variable equations and inequalities.
- Represent and analyze quantitative relationships between dependent and independent variables.
- Solve real-world and mathematical problems involving area, surface area, and volume.
- Develop understanding of statistical variability.
- Summarize and describe distributions.
- Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.
- Analyze proportional relationships and use them to solve real-world problems and mathematical problems.

Learning Objective: Parents will be able to identify the key aspects of their child's math class.

UNITS OF STUDY

- Operating with Positive Rational Numbers
- Using Expressions and Equations
- Applications of Geometry Numbers
- Ratios and Rates
- Understanding Positive and Negative Numbers
- Algebraic Reasoning
- Statistics and Distributions
- Operating with Rational Numbers
- Proportional Relationships

Learning Objective: Parents will be able to identify the key aspects of their child's math class.

ON YOUR OWN (OYO)

Once or twice throughout lessons, students are asked to try two to three examples of the recently taught concept(s).

This allows the students to identify any questions or concerns they have regarding the concept(s).

This also allows me to make any on the spot modifications for the class or individuals.

Learning Objective: Parents will be able to identify the key aspects of their child's math class.

GRADING

Summative Assessments:

50% Total

Chapter Tests, Unit Tests

Formative Assessments:

40% Total

Quizzes, Daily Assessments

Homework:

10% Total

Learning Objective: Parents will be able to identify the key aspects of their child's math class.

MATERIALS

- Binder
- Agenda
- Notebook, Pencils
- Workbook
- Calculator

Learning Objective: Parents will be able to identify the key aspects of their child's math class.

EXPECTATIONS OF STUDENTS

- To be respectful to all other individuals and all property.
- To be prepared and on time with appropriate materials and assignments.
- To be responsible for any missed work and notes.
- To be motivated to learn and accept challenges.

Learning Objective: Parents will be able to identify the key aspects of their child's math class.

EXTRA HELP

Monday and Thursday 2:50 – 3:10












Learning Objective: Parents will be able to identify the key aspects of their child's math class.

TEXT BOOK WEBSITE

www.bigideasmath.com

Resources: Advanced 1: Common Core

Advanced 1: Common Core ▾

 Student Dynamic eBook	 Vocabulary Flash Cards	 Skills Review Handbook	 Basic Skills Handbook	 Multi-Language Glossary	 Game Closet
 Graphic Organizers: PDF	 Graphic Organizers: MS Word	 Math Tool Paper	 Real-Life STEM Videos	 Apps	

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Assignments

September 2015

○ Assignments Due



<	Sunday 6	Monday 7	Tuesday 8	Wednesday 9	Thursday 10	Friday 11	Saturday 12	>
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Wednesday, September 9th

SECTION 1.2 EXERCISES	Powers and Exponents Advanced 1: Common Core Test Assignment 2	Start: 09/09/2015 13:47 pm Due: 09/10/2015 12:00 pm	 ENTER
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 **BIG IDEAS MATH**  JOE SMITH ▾

Big Ideas Math ©2014 Advanced 1 > Chapter 1: Powers and Exponents > Section Exercises 1.2 > Exercise 9

0 of 3 answered

Write $8 \cdot 8 \cdot 8 \cdot 8$ as a power.

$8 \cdot 8 \cdot 8 \cdot 8 = \square$

← 1 →


CHECK ANSWER

The screenshot shows a math problem interface. At the top left is a logo consisting of a 3x3 grid of squares. To its right is the text "BIG IDEAS MATH". Further right is a timer icon and the name "JOE SMITH" with a dropdown arrow. Below this is a breadcrumb trail: "Ideas Math ©2014 Advanced 1 > Chapter 1: Powers and Exponents > Section Exercises 1.2 > Exercise 31". The main problem area contains the text "Determine whether 150 is a perfect square." and a progress indicator "3 of 3 answered". Two radio button options are shown: "perfect square" (which is selected and highlighted in red with a red 'x' icon) and "not a perfect square". A dark blue modal dialog box is overlaid on the screen with the text "Are you sure you want to submit?". Inside the dialog are two buttons: "SUBMIT" and "CANCEL". At the bottom right of the problem area, there is a "CHECK ANSWER" button.




Joe Smith













Return to Reports

Section Exercises 1.2

SECTION 1.2 EXERCISES	Test Assignment 2	Student: Joe Smith Due: 09/10/2015 12:00 PM	66.7% SCORE	 HIDE DETAILS
	Problem set: Custom (3/44) Start: 09/09/2015 1:47 PM			



	Item Summary	Item List
 Incorrect	1/3	31
 Partially Correct	0/3	
 Correct	2/3	9, 29

✔ CORRECT — LEFT UNANSWERED ✘ INCORRECT ◇ PARTIALLY CORRECT					
Item	Score	Class Avg	Standards	Time	Remediation
9		100%		01:01	WRITING PRODUCTS AS POWERS  
29		100%		00:13	IDENTIFYING PERFECT SQUARES  
31		0%		01:02	IDENTIFYING PERFECT SQUARES  

Learning Objective: Parents will be able to identify the key aspects of their child's math class.

MR. TOMEI'S WEBSITE

- Type in RLMS into a Google search
- Click on Roger Ludlowe Middle School
- Click on Teachers
- Click on All Tomei Math Classes
- Click on the appropriate class

Learning Objective: Parents will be able to identify the key aspects of their child's math class.

Assignment

Students complete selected problems from text book.

Problems range in difficulty.

Challenge students who were able to grasp concept(s).

Allows for time to conference with individual or small groups

Learning Objective: Parents will be able to identify the key aspects of their child's math class.

HOMEWORK

25 minutes a night

Could include weekends.

Should not be working for hours at home

Homework graded on effort not correctness

Learning Objective: Parents will be able to identify the key aspects of their child's math class.

Lesson 9.22

September 22, 2016

Essential Question

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LESSON OBJECTIVE:

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