





























PERIOD 5

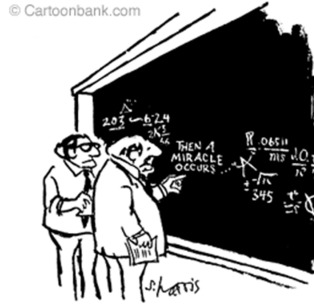
	 Chomienne, Tara	 Stapleton, Tess	 Abbazia, Maria			
 Burdo, Olivia	 Bernstein, Sadie	 Alianiello, Kate	 Henderson, Angus	 Devineni, Neha	 Staeger, Brick	
 Dillabough, Amanda	 Nangle, Sofia	 Pavlik, Katherine	 Duffy, Katherine	 Hensel, Jessica	 Bonner, Anne	
 Kinasewitz, Jason	 Pechkis, Michael	 Mockler, Sean	 Stern, Cooper	 Joliet, Alexander	 Donovan, William	
 McGoldrick, Trent	 Gough, Cameron				 Rua, Thomas	

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

WARM UP

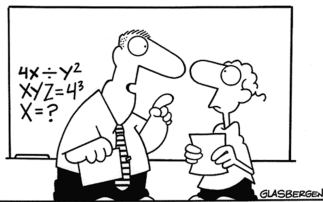


"Of course you don't feel any better. Two years ago I gave you six months to live. You do the math."

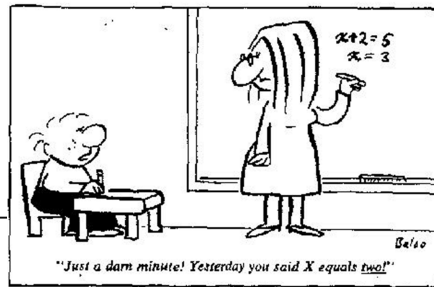


"I think you should be more explicit here in step two."

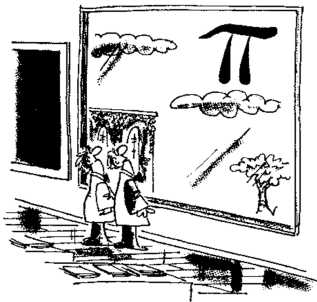
Copyright 1997 Randy Glasbergen. www.glasbergen.com



"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."

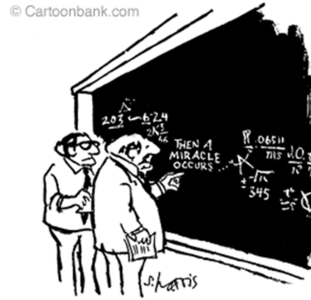
Learning Objective: Parents will be able to identify the key aspects of their child's math class.

WARM UP ANSWERS



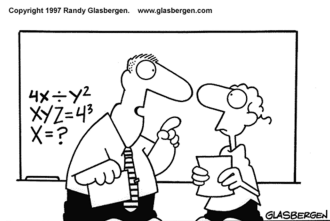
"Of course you don't feel any better. Two years ago I gave you six months to live. You do the math."

Funny!



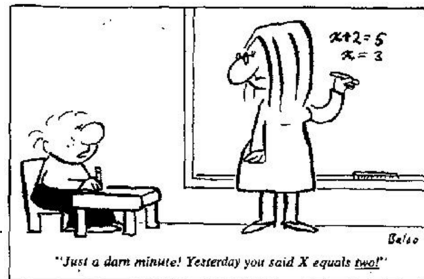
"I think you should be more explicit here in step two."

Funnier!



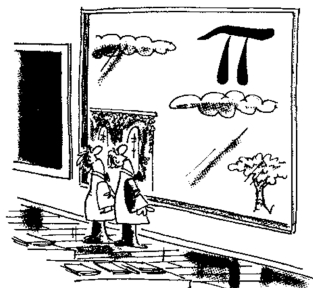
"Algebra class will be important to you later in life because there's going to be a test six weeks from now."

Somewhat funny.



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

Ok... not that funny.



"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 350 in Roger Ludlowe Middle School!

Congrats!



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

Lesson 9.10

September 10, 2014

Essential Question

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

Lesson 9.10

September 10, 2014

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

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:	60% Total Individual Tests, Projects, Mid-Chapter Tests
Formative Assessments:	30% Total Quizzes, Class Presentations
Behavioral Characteristics:	10% Total Homework, Participation

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

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

MR. TOMEI'S WEBSITE

<http://fairfieldschools.org/schools/rlms/tomei-period-5/>

Via search bar...

[RLMS](#) > [Teachers](#) > [Tomei](#) > [Period 5](#)

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

20 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 9.10

September 10, 2014

Essential Question

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

Lesson 9.10

September 10, 2014

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.