

June 11, 2020

RABBI ISRALEWITZ

ALGEBRA I

Hello everyone and welcome to our 6th class reunion.

Last week we had some technical problems with our conference call number, but if you don't succeed at first, try, try again. So, looking forward to speaking to all of you at 917-932-8638 this Thursday at 3:45 – 4:05 PM.

As always, if you have additional questions, feel free to call me between 4:00 – 10:00 PM at 718-404-8422.

IMPORTANT REMINDERS:

1. When answering multiple choice questions, you must indicate in detail how you arrived at your answers.
2. **Please make sure that each and every page submitted has:**
 - a) **your full name**
 - b) **your class**
 - c) **the date of the assignment.**
3. Work may be returned in via any of the following:

Email mathi.mirrer@gmail.com

Fax 718 375 6342

Mail Mirrer Mesivta High School 1791-5 Ocean Parkway Brooklyn NY 11223

Please indicate how you would like your work to be returned.

Please remember on multiple choice problems to give full details of how you arrived at the answer.

NAME _____ CLASS _____ DATE _____

This week's work:

June 2016, number 37

August 16, number 16

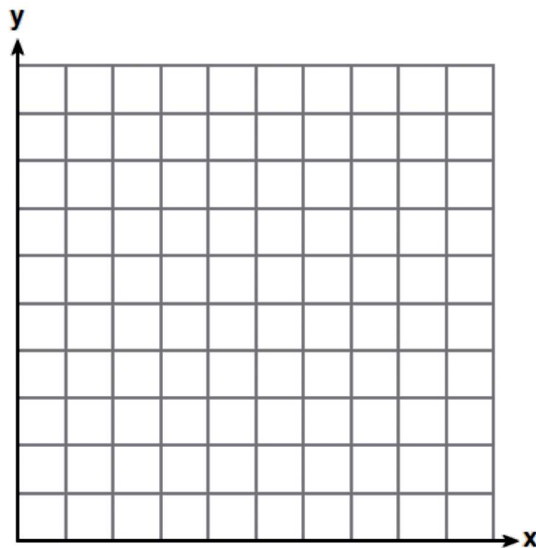
January 2017, number 9

JUNE 2016

37 Franco and Caryl went to a bakery to buy desserts. Franco bought 3 packages of cupcakes and 2 packages of brownies for \$19. Caryl bought 2 packages of cupcakes and 4 packages of brownies for \$24. Let x equal the price of one package of cupcakes and y equal the price of one package of brownies.

Write a system of equations that describes the given situation.

On the set of axes below, graph the system of equations.



Determine the exact cost of one package of cupcakes and the exact cost of one package of brownies in dollars and cents. Justify your solution.

NAME _____ CLASS _____ DATE _____

AUGUST 2016

16 Kendal bought x boxes of cookies to bring to a party. Each box contains 12 cookies. She decides to keep two boxes for herself. She brings 60 cookies to the party. Which equation can be used to find the number of boxes, x , Kendal bought?

(1) $2x - 12 = 60$

(3) $12x - 24 = 60$

(2) $12x - 2 = 60$

(4) $24 - 12x = 60$

JANUARY 2017

9 A car leaves Albany, NY, and travels west toward Buffalo, NY. The equation $D = 280 - 59t$ can be used to represent the distance, D , from Buffalo after t hours. In this equation, the 59 represents the

(1) car's distance from Albany

(2) speed of the car

(3) distance between Buffalo and Albany

(4) number of hours driving