

June 4, 2020

RABBI ISRALEWITZ

ALGEBRA I

Hello everyone and welcome to our 5th class reunion.

Hope you all had a graet Shvuuous vacation.

It was really great speaking to all of you both on our weekly conference call, and when you call individually.

There is no doubt that a special Thank You and SHOUT OUT goes to Chananya Matyas for all of his ongoing help, as well as to Eliyahu Chaimzadegan and Yitzchak Leviyev. Our special recognition award goes to Yitzchok Federman for working so hard despite the logistics.

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. Please remember to call in on our conference line 917-932-8638 on Thursday, 3:45-4:05 PM. And, as always, if you have additional questions, feel free to call me between 4:00-10:00 PM at 718-404-8422.
4. 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.

NAME _____

Keep up the great work!

Our assignment for this week is:

August 2015, problem 3

August 2015, problem 10

January 2016, problem 29

June 2016, problem 5

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

August 2015

3 To watch a varsity basketball game, spectators must buy a ticket at the door. The cost of an adult ticket is \$3.00 and the cost of a student ticket is \$1.50. If the number of adult tickets sold is represented by a and student tickets sold by s , which expression represents the amount of money collected at the door from the ticket sales?

(1) $4.50as$

(3) $(3.00a)(1.50s)$

(2) $4.50(a + s)$

(4) $3.00a + 1.50s$

NAME _____

August 2015

10 Last week, a candle store received \$353.60 for selling 20 candles. Small candles sell for \$10.98 and large candles sell for \$27.98. How many large candles did the store sell?

(1) 6

(3) 10

(2) 8

(4) 12

JANUARY 2016

29 The cost of belonging to a gym can be modeled by $C(m) = 50m + 79.50$, where $C(m)$ is the total cost for m months of membership.

State the meaning of the slope and y -intercept of this function with respect to the costs associated with the gym membership.

NAME _____

JUNE 2016

5 The Celluloid Cinema sold 150 tickets to a movie. Some of these were child tickets and the rest were adult tickets. A child ticket cost \$7.75 and an adult ticket cost \$10.25. If the cinema sold \$1470 worth of tickets, which system of equations could be used to determine how many adult tickets, a , and how many child tickets, c , were sold?

(1) $a + c = 150$
 $10.25a + 7.75c = 1470$

(3) $a + c = 150$
 $7.75a + 10.25c = 1470$

(2) $a + c = 1470$
 $10.25a + 7.75c = 150$

(4) $a + c = 1470$
 $7.75a + 10.25c = 150$