

Math Meet 2013 Mathematical Lyrics Contest

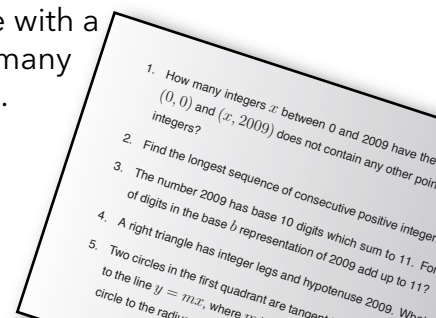
COLLEGE of
CHARLESTON

Each February, the math department at the College of Charleston organizes a competition for high school students, the CofC Math Meet. This event brings about 800 students from throughout the Southeastern US (and sometimes even from farther) to the beautiful CofC campus for a day of challenging and entertaining contests in a wide variety of formats and difficulty levels. We are proud to have developed a reputation for having one of the most creative and well run high school math contests.

As part of the preparations for College of Charleston Math Meet 2013, we sent out a request to teachers and participants for famous song lyrics written in the form of mathematical notation. A selection of these will be used as part of the design on this year's t-shirt.

All of the submissions we received are included in this PDF document. It will probably work best if you view it in "slideshow" or "presentation mode" on your computer so that you can advance to the next page with a single click or key press and then you can use it for a competition of your own! See how many of the lyrics you or your students can guess from the information given on the first "slide".

For more information about the College of Charleston Math Meet, visit <http://mathmeet.cofc.edu> or write to mathmeet@cofc.edu.



College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

1. According to Alex Kasman (*College of Charleston*), Judy Garland sang:

$$\frac{\sum(\text{where})}{\text{the rainbow}}$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

1. According to Alex Kasman (*College of Charleston*), Judy Garland sang:

\sum (where)

the rainbow

Answer: “Somewhere over the rainbow”
from *Somewhere Over the Rainbow* by Judy Garland.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

2. According to Mr. Rodgers (*South Aiken High School*), Michael Jackson sang:

$$|\text{It} - 12am| < \epsilon$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

2. According to Mr. Rodgers (*South Aiken High School*), Michael Jackson sang:

$$|\text{It} - 12am| < \epsilon$$

Answer: “It’s close to midnight”
from *Thriller* by Michael Jackson.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

3. According to Alex Kasman (*College of Charleston*), Lady Gaga sang:

$$(\text{RAH})^2 (\text{AH})^2 + [\text{ROMA}(1 + \text{MA})] + (\text{GA})^2 + (\text{OOH}) (\text{LA})^2$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

3. According to Alex Kasman (*College of Charleston*), Lady Gaga sang:

$$(\text{RAH})^2 (\text{AH})^2 + [\text{ROMA}(1 + \text{MA})] + (\text{GA})^2 + (\text{OOH}) (\text{LA})^2$$

Answer: “Rah Rah, Roma Romama, Gaga, Oohlala”
from *Bad Romance* by Lady Gaga.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

4. According to Austin Pahl, Lauren Fanning, Jarrett Londergan (*Pinewood Preparatory School*), Gavin Degraw sang:

$\frac{\text{not}}{\text{you}}$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

4. According to Austin Pahl, Lauren Fanning, Jarrett Londergan (*Pinewood Preparatory School*), Gavin Degraw sang:

not

you

Answer: “Not over you”
from *Not Over You* by Gavin Degraw.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

5. According to Hali Alexander (*Goose Creek High School*), Neyo sang:

Million

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

5. According to Hali Alexander (*Goose Creek High School*), Neyo sang:

Million

Answer: "One in a million"
from *One in a Million* by Neyo.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

6. According to Brandon McCracken (*Goose Creek High School*), Toby Keith sang:

American(Girls + Guys)

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

6. According to Brandon McCracken (*Goose Creek High School*), Toby Keith sang:

American(Girls + Guys)

Answer: “American Girls and American Guys”
from *Courtesy of the Red, White and Blue* by Toby Keith.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

7. According to Loring Gurardeau (*South Aiken High School*), Santana sang:

$$\frac{\text{we danced}}{n^{\text{night}}}$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

7. According to Loring Gurardeau (*South Aiken High School*), Santana sang:

$$\frac{\text{we danced}}{n^{\text{night}}}$$

Answer: “We danced on into the night”
from *Into the Night* by Santana.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

8. According to Alex Kasman (*College of Charleston*), Freddie Jackson sang:

4 (old \times sake)

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

8. According to Alex Kasman (*College of Charleston*), Freddie Jackson sang:

4 (old \times sake)

Answer: "For old times sake"
from *Rock Me Tonight (For Old Times Sake)* by Freddie Jackson.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

9. According to Jasmine Cohen (*Goose Creek High School*), Taylor Swift sang:

$$\sqrt{225}$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

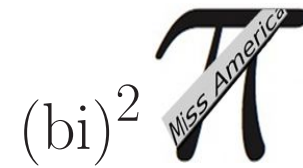
9. According to Jasmine Cohen (*Goose Creek High School*), Taylor Swift sang:

$$\sqrt{225}$$

Answer: "Fifteen"
from *Fifteen* by Taylor Swift.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

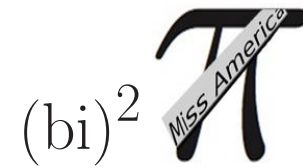
10. According to Alex Kasman (*College of Charleston*), Don McClean sang:



What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

10. According to Alex Kasman (*College of Charleston*), Don McClean sang:



Answer: “Bye-bye Miss American Pie”
from *American Pie* by Don McClean.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

11. According to Jasmine Cohen (*Goose Creek High School*), Beyoncé sang:

Lo (Crazy) ve

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

11. According to Jasmine Cohen (*Goose Creek High School*), Beyoncé sang:

Lo (Crazy) ve

Answer: “Crazy in Love”
from *Crazy in Love* by Beyoncé.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

12. According to Daniel Faison, Hayden Ploeger, and Chris Stuart (*South Aiken High School*), Bruno Mars sang:

(There \cup is)₀ + a + thing + that + i (would * change) | $i = c$ (your * face)

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

12. According to Daniel Faison, Hayden Ploeger, and Chris Stuart (*South Aiken High School*), Bruno Mars sang:

(There \cup is)₀ + a + thing + that + i (would * change) | $i = c$ (your * face)

Answer: “When I see your face, there’s not a thing I would change”
from *Just the Way You Are* by Bruno Mars.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

13. According to Josh Livingston and Jacob Przywara (*South Aiken High School*), Bobby Troup sang:

$$F : \left\{ \begin{array}{l} \text{Get } y \cup \\ \sqrt{-k^4 c^2 s^2} (k, c, s > 0) \end{array} \right\} \mapsto \{\sqrt{66}\}$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

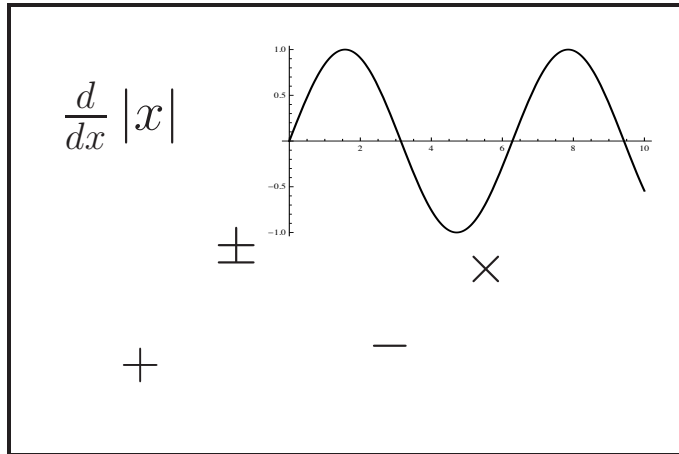
13. According to Josh Livingston and Jacob Przywara (*South Aiken High School*), Bobby Troup sang:

$$F : \left\{ \begin{array}{l} \text{Get } y \cup \\ \sqrt{-k^4 c^2 s^2} (k, c, s > 0) \end{array} \right\} \mapsto \{\sqrt{66}\}$$

Answer: “Get your kicks on route 66”
from *Route 66* by Bobby Troup.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

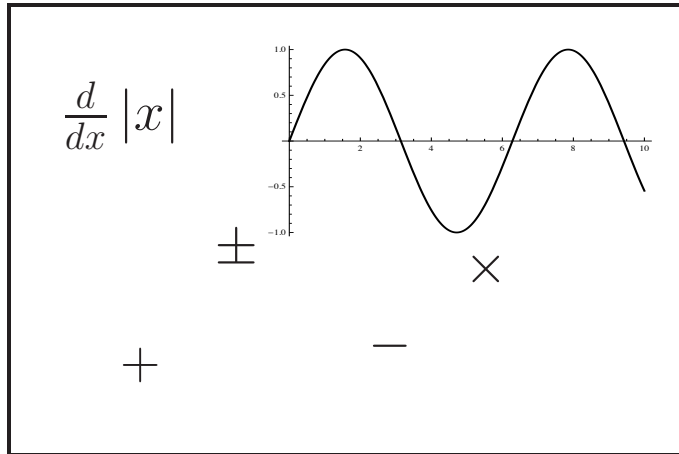
14. According to Benjamin Rawls (*South Aiken High School*), Five Man Electrical Band sang:



What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

14. According to Benjamin Rawls (*South Aiken High School*), Five Man Electrical Band sang:



Answer: “Sign, sign, everywhere a sign”
from *Signs* by Five Man Electrical Band.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

15. According to Alex Kasman (*College of Charleston*), Adele sang:

$$\left\{ \text{fire}^{\text{rain}} \right\}$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

15. According to Alex Kasman (*College of Charleston*), Adele sang:

$$\left\{ \text{fire}^{\text{rain}} \right\}$$

Answer: “Set fire to the rain”
from *Set Fire to the Rain* by Adele.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

16. According to Alex Kasman (*College of Charleston*), Bob Dylan sang:

$$\frac{d}{dt} (\text{the} \times \text{they}) \neq 0$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

16. According to Alex Kasman (*College of Charleston*), Bob Dylan sang:

$$\frac{d}{dt}(\text{the} \times \text{they}) \neq 0$$

Answer: “The times they are a changing”
from *The Times They Are A Changing* by Bob Dylan.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

17. According to Lauren Scott, Melody Sheets, and Ashley Thoerner (*South Aiken High School*), Beyoncé sang:

$$2 \left(\frac{\text{my love}}{\text{top}} \right)$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

17. According to Lauren Scott, Melody Sheets, and Ashley Thoerner (*South Aiken High School*), Beyoncé sang:

$$2 \left(\frac{\text{my love}}{\text{top}} \right)$$

Answer: “My love on top, my love on top”
from *My Love on Top* by Beyoncé.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

18. According to David Nasol and Taylor Dodson (*South Aiken High School*), Aretha Franklin sang:

$\therefore + (\text{You make me feel})^3 + \sim \text{a } \mathbb{N} \text{ woman}$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

18. According to David Nasol and Taylor Dodson (*South Aiken High School*), Aretha Franklin sang:

$$\because + (\text{You make me feel})^3 + \sim \text{a } \mathbb{N} \text{ woman}$$

Answer: “Because you make me feel, you make me feel, you make me feel like a natural woman”

from *Natural Woman* by Aretha Franklin.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

19. According to Cameron Dunkers, Evan Dunker and TJ Brantley (*South Aiken High School*), Josh Groban sang:

you + (me up) (>I can be)

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

19. According to Cameron Dunkers, Evan Dunker and TJ Brantley (*South Aiken High School*), Josh Groban sang:

you + (me up) (>I can be)

Answer: “You raise me up to more than I can be”
from *You raise me up* by Josh Groban.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

20. According to Kylie Burkes and Kemi Olorunniwo (*South Aiken High School*), David Seville and the Chipmunks sang:

$$\left[\text{ooh} \left(\text{ee} + \text{ah}^2 \right) + T \left(\text{ing} + \text{ang} \right) + \text{wala}^2 + b \left(\text{ing} + \text{ang} \right) \right]^2$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

20. According to Kylie Burkes and Kemi Olorunniwo (*South Aiken High School*), David Seville and the Chipmunks sang:

$$\left[\text{ooh} \left(\text{ee} + \text{ah}^2 \right) + T \left(\text{ing} + \text{ang} \right) + \text{wala}^2 + b \left(\text{ing} + \text{ang} \right) \right]^2$$

Answer: “Ooh ee ooh ahah ting tang wala wala bing bang; Ooh ee ooh ahah ting tang wala wala bing bang!”

from *Witch Doctor* by David Seville and the Chipmunks.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

21. According to Josh Flash, Nathaniel Fletcher and Chase Koger (*South Aiken High School*), Bryan Adams sang:

It was the Σ er of 69

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

21. According to Josh Flash, Nathaniel Fletcher and Chase Koger (*South Aiken High School*), Bryan Adams sang:

It was the Σ er of 69

Answer: "It was the summer of 69"
from *Summer of '69* by Bryan Adams.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

22. According to Alex Kasman (*College of Charleston*), Ethel Merman sang:

$$(x \in \text{Businesses}) \wedge (x \sim \text{Show Business}) \Rightarrow (x = \text{Show Business})$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

22. According to Alex Kasman (*College of Charleston*), Ethel Merman sang:

$$(x \in \text{Businesses}) \wedge (x \sim \text{Show Business}) \Rightarrow (x = \text{Show Business})$$

Answer: “There’s no business like show business”
from *There’s No Business Like Show Business* by Ethel Merman.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

23. According to Erin McLaughlin and Brianna Snelling (*South Aiken High School*), Led Zeppelin sang:

$$W = \text{is} \cup W \neq \text{be}$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

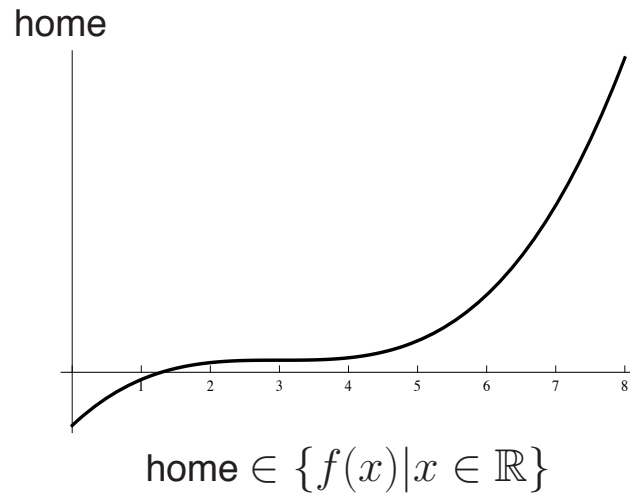
23. According to Erin McLaughlin and Brianna Snelling (*South Aiken High School*), Led Zeppelin sang:

$$W = \text{is} \cup W \neq \text{be}$$

Answer: "What is and what should never be"
from *What Is and What Should Never Be* by Led Zeppelin.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

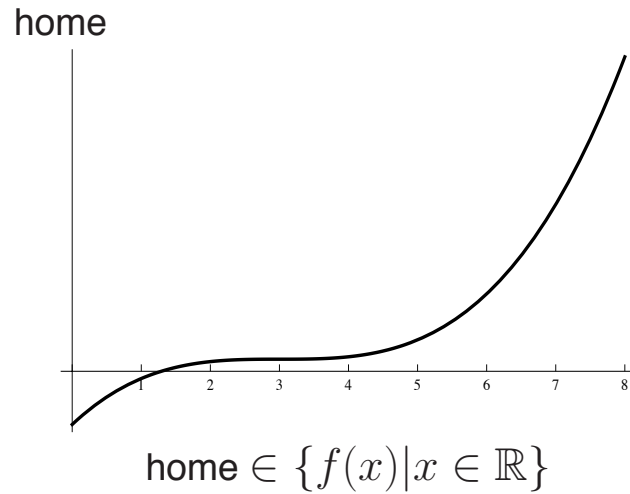
24. According to Rachel Beeson (*South Aiken High School*), John Denver sang:



What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

24. According to Rachel Beeson (*South Aiken High School*), John Denver sang:



Answer: "Home on the range"
from *Home on the Range* by John Denver.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

25. According to Laura Bickford (*South Aiken High School*), The Eagles sang:

take it $\lim(1+time)$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

25. According to Laura Bickford (*South Aiken High School*), The Eagles sang:

take it^{lim}(1+time)

Answer: “Take it to the limit, one more time”
from *Take It to the Limit* by The Eagles.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

26. According to Morgan Heath (*South Aiken High School*), Francesca Battistelli sang:

$$\Rightarrow \text{Me}^{\text{cross}}$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

26. According to Morgan Heath (*South Aiken High School*), Francesca Battistelli sang:

$\Rightarrow \text{Me}^{\text{cross}}$

Answer: “Lead me to the cross”
from *Lead Me to the Cross* by Francesca Battistelli.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

27. According to Mr. Rodgers (*South Aiken High School*), The Beatles sang:



me+you+they

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

27. According to Mr. Rodgers (*South Aiken High School*), The Beatles sang:



me+you+they

Answer: “We all live in a yellow submarine”
from *Yellow Submarine* by The Beatles.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

28. According to Kim Keskiivari (*South Aiken High School*), Queen sang:

$$\text{this} = \overset{?}{\mathbb{R}}\text{life}$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

28. According to Kim Keskiivari (*South Aiken High School*), Queen sang:

this = \mathbb{R} life

Answer: “Is this the real life?”
from *Bohemian Rhapsody* by Queen.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

29. According to Alex Kasman (*College of Charleston*), Sammy Hagar sang:

$(\exists! \text{way}) (\text{rock} + \text{rock})$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

29. According to Alex Kasman (*College of Charleston*), Sammy Hagar sang:

$(\exists! \text{way}) (\text{rock} + \text{rock})$

Answer: “There’s only one way to rock”
from *There’s Only One Way to Rock* by Sammy Hagar.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

30. According to Alex Kasman (*College of Charleston*), Sean Kingston sang:

$$\neg \exists x \mid x \in \text{This World}$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

30. According to Alex Kasman (*College of Charleston*), Sean Kingston sang:

$$\neg \exists x \mid x \in \text{This World}$$

Answer: “There’s nothing in this world”
from *There’s Nothin’* by Sean Kingston.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

31. According to Mr. Rodgers (*South Aiken High School*), Ozzy Osbourne sang:

$$\forall \text{ aboard! (Ha)}^7 (\text{Ay})^7$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

31. According to Mr. Rodgers (*South Aiken High School*), Ozzy Osbourne sang:

\forall aboard!(Ha)⁷(Ay)⁷

Answer: “All Aboard! Hahahahahahaha Ayayayayayayay”
from *Crazy Train* by Ozzy Osbourne.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

32. According to Alex Kasman (*College of Charleston*), Bjork sang:

Life \geq This

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

32. According to Alex Kasman (*College of Charleston*), Bjork sang:

Life $\not\geq$ This

Answer: “There’s more to life than this”
from *There’s More to Life Than This* by Bjork.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

33. According to Sue Danimme (*Jamaica High School*), Justin Bieber sang:

this dream = 2 good

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

33. According to Sue Danimme (*Jamaica High School*), Justin Bieber sang:

this dream = 2 good

Answer: "This dream is too good"
from *This Dream is Too Good* by Justin Bieber.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

34. According to Mr. Rodgers (*South Aiken High School*), The Temptations sang:

$$\forall x |I_x - You_x| > \epsilon$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

34. According to Mr. Rodgers (*South Aiken High School*), The Temptations sang:

$$\forall x |I_x - You_x| > \epsilon$$

Answer: "I can't get next to you"
from *I Can't Get Next to You* by The Temptations.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

35. According to David Stoner (*South Aiken High School*), Europe sang:

$$i+ = \phi \emptyset \{n, n - 1, \dots, 2, 1\}$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

35. According to David Stoner (*South Aiken High School*), Europe sang:

$$i+ = \phi \emptyset \{n, n - 1, \dots, 2, 1\}$$

Answer: "It's the final countdown"
from *The Final Countdown* by Europe.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

36. According to Austin Pahl, Lauren Fanning, Jarrett Londergan (*Pinewood Preparatory School*),
My Chemical Romance sang:

$$na + na + na$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

36. According to Austin Pahl, Lauren Fanning, Jarrett Londergan (*Pinewood Preparatory School*),
My Chemical Romance sang:

$$na + na + na$$

Answer: "Na na na"
from *Na Na Na* by My Chemical Romance.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

37. According to Austin Pahl, Lauren Fanning, Jarrett Londergan (*Pinewood Preparatory School*),

Coldplay sang:

$$\text{rush} \left(\text{blood}^{\text{head}} \right)$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

37. According to Austin Pahl, Lauren Fanning, Jarrett Londergan (*Pinewood Preparatory School*),
Coldplay sang:

rush (blood^{head})

Answer: "Rush of blood to the head"
from *A Rush of Blood to the Head* by Coldplay.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

38. According to Erik Cardwell, Sarah Reid, Caroline Vedane, John Hyatt, Sam Ferguson, Katie Hartley, Dalton Antley, Lauren Pyatt, and Julia Grace Rink (*Charleston Charter School for Math and Science*), Lady Gaga sang:

$$(Pa)^3 + \text{Poker Face}$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

38. According to Erik Cardwell, Sarah Reid, Caroline Vedane, John Hyatt, Sam Ferguson, Katie Hartley, Dalton Antley, Lauren Pyatt, and Julia Grace Rink (*Charleston Charter School for Math and Science*), Lady Gaga sang:

$$(Pa)^3 + \text{Poker Face}$$

Answer: "P-p-p-poker face"
from *Poker Face* by Lady Gaga.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

39. According to Tiffany Edwards (*Goose Creek High School*), Elliot Minor sang:

|| Worlds

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

39. According to Tiffany Edwards (*Goose Creek High School*), Elliot Minor sang:

|| Worlds

Answer: "Parallel Worlds"
from *Parallel Worlds* by Elliot Minor.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

40. According to Autumn Smith (*Goose Creek High School*), Hillsong sang:

Our + God > All

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

40. According to Autumn Smith (*Goose Creek High School*), Hillsong sang:

Our + God > All

Answer: “Our God is Greater Than All”
from *Our God is Greater Than All* by Hillsong.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

41. According to Autumn Smith (*Goose Creek High School*), Gavin Degraw sang:

$$\frac{I'm \neq}{you}$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

41. According to Autumn Smith (*Goose Creek High School*), Gavin Degraw sang:

$$\frac{\text{I'm} \neq}{\text{you}}$$

Answer: "I'm not over you"
from *Not Over You* by Gavin Degraw.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

42. According to Ryan Spence (*Goose Creek High School*), Rusty Goodman sang:

I(am)the(α and Ω)

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

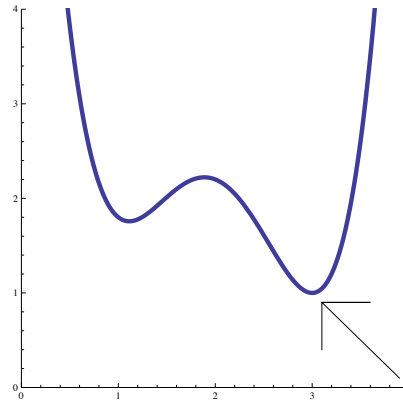
42. According to Ryan Spence (*Goose Creek High School*), Rusty Goodman sang:

I(am)the(α and Ω)

Answer: "I am the alpha and omega"
from *I Am* by Rusty Goodman.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

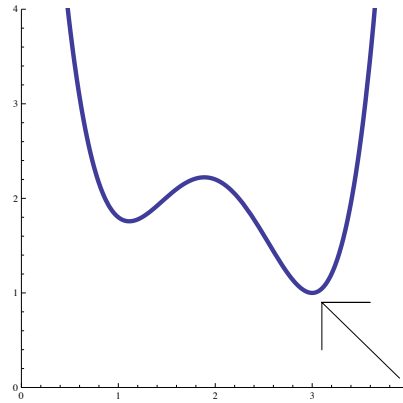
43. According to Nicklaus Holman (*Goose Creek High School*), Benny Golson sang:



What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

43. According to Nicklaus Holman (*Goose Creek High School*), Benny Golson sang:



Answer: "Turning Point"
from *Turning Point* by Benny Golson.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

44. According to Erik Cardwell, Sarah Reid, Caroline Vedane, John Hyatt, Sam Ferguson, Katie Hartley, Dalton Antley, Lauren Pyatt, and Julia Grace Rink (*Charleston Charter School for Math and Science*), Millions of Schoolkids sang:

Liberty \cap Justice \forall

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

44. According to Erik Cardwell, Sarah Reid, Caroline Vedane, John Hyatt, Sam Ferguson, Katie Hartley, Dalton Antley, Lauren Pyatt, and Julia Grace Rink (*Charleston Charter School for Math and Science*), Millions of Schoolkids sang:

Liberty \cap Justice \forall

Answer: “Liberty and justice for all”
from *Pledge of Allegiance* by Millions of Schoolkids.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

45. According to Erik Cardwell, Sarah Reid, Caroline Vedane, John Hyatt, Sam Ferguson, Katie Hartley, Dalton Antley, Lauren Pyatt, and Julia Grace Rink (*Charleston Charter School for Math and Science*), David Bowie sang:

$$(Ch)^4 \Delta s$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

45. According to Erik Cardwell, Sarah Reid, Caroline Vedane, John Hyatt, Sam Ferguson, Katie Hartley, Dalton Antley, Lauren Pyatt, and Julia Grace Rink (*Charleston Charter School for Math and Science*), David Bowie sang:

$$(Ch)^4 \Delta s$$

Answer: “Ch-ch-ch-ch changes”
from *Changes* by David Bowie.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

46. According to Erik Cardwell, Sarah Reid, Caroline Vedane, John Hyatt, Sam Ferguson, Katie Hartley, Dalton Antley, Lauren Pyatt, and Julia Grace Rink (*Charleston Charter School for Math and Science*), Mamas and the Papas sang:

$$(\text{Monday})^2$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

46. According to Erik Cardwell, Sarah Reid, Caroline Vedane, John Hyatt, Sam Ferguson, Katie Hartley, Dalton Antley, Lauren Pyatt, and Julia Grace Rink (*Charleston Charter School for Math and Science*), Mamas and the Papas sang:

$$(\text{Monday})^2$$

Answer: “Monday, Monday”
from *Monday, Monday* by Mamas and the Papas.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

47. According to Allisa Horst (*Goose Creek High School*), Evanescence sang:

i

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

47. According to Allisa Horst (*Goose Creek High School*), Evanescence sang:

i

Answer: “Imaginary”
from *Imaginary* by Evanescence.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

48. According to Brittany Horsley (*Goose Creek High School*), Def Leopard sang:

$$\text{Pour } \sum \frac{\text{sugar}}{\text{me}}$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

48. According to Brittany Horsley (*Goose Creek High School*), Def Leopard sang:

$$\text{Pour } \sum \frac{\text{sugar}}{\text{me}}$$

Answer: "Pour some sugar on me"
from *Pour Some Sugar On Me* by Def Leopard.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

49. According to Taylor Vega (*Goose Creek High School*), VaShawn Mitchell sang:

Nobody $>$ You

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

49. According to Taylor Vega (*Goose Creek High School*), VaShawn Mitchell sang:

Nobody $>$ You

Answer: “Nobody greater than you”
from *Nobody Greater* by VaShawn Mitchell.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

50. According to Erik Cardwell, Sarah Reid, Caroline Vedane, John Hyatt, Sam Ferguson, Katie Hartley, Dalton Antley, Lauren Pyatt, and Julia Grace Rink (*Charleston Charter School for Math and Science*), The Beatles sang:

$$\text{Love} = \sum (u \text{ need})$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

50. According to Erik Cardwell, Sarah Reid, Caroline Vedane, John Hyatt, Sam Ferguson, Katie Hartley, Dalton Antley, Lauren Pyatt, and Julia Grace Rink (*Charleston Charter School for Math and Science*), The Beatles sang:

$$\text{Love} = \sum (u \text{ need})$$

Answer: “Love is all you need”
from *Love is All You Need* by The Beatles.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

51. According to Erik Cardwell, Sarah Reid, Caroline Vedane, John Hyatt, Sam Ferguson, Katie Hartley, Dalton Antley, Lauren Pyatt, and Julia Grace Rink (*Charleston Charter School for Math and Science*), The Beatles sang:

Honey π

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

51. According to Erik Cardwell, Sarah Reid, Caroline Vedane, John Hyatt, Sam Ferguson, Katie Hartley, Dalton Antley, Lauren Pyatt, and Julia Grace Rink (*Charleston Charter School for Math and Science*), The Beatles sang:

Honey π

Answer: "Honey-pie"
from *Honey-pie* by The Beatles.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

52. According to Erik Cardwell, Sarah Reid, Caroline Vedane, John Hyatt, Sam Ferguson, Katie Hartley, Dalton Antley, Lauren Pyatt, and Julia Grace Rink (*Charleston Charter School for Math and Science*), Adele sang:

$$\sum (1) \approx u$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

52. According to Erik Cardwell, Sarah Reid, Caroline Vedane, John Hyatt, Sam Ferguson, Katie Hartley, Dalton Antley, Lauren Pyatt, and Julia Grace Rink (*Charleston Charter School for Math and Science*), Adele sang:

$$\sum (1) \approx u$$

Answer: “Someone like you”
from *Someone Like You* by Adele.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

53. According to Lindsey Walker (*Goose Creek High School*), Linkin Park sang:

$\# - er$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

53. According to Lindsey Walker (*Goose Creek High School*), Linkin Park sang:

— er

Answer: “Numb”
from *Numb* by Linkin Park.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

54. According to Lindsey Walker (*Goose Creek High School*), Elton John sang:

○ of Life

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

54. According to Lindsey Walker (*Goose Creek High School*), Elton John sang:

○ of Life

Answer: "Circle of Life"
from *Circle of Life* by Elton John.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

55. According to Samantha Thompson (*Goose Creek High School*), Taylor Swift sang:

$$\bar{x}$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

55. According to Samantha Thompson (*Goose Creek High School*), Taylor Swift sang:

$$\bar{x}$$

Answer: "Mean"
from *Mean* by Taylor Swift.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

56. According to Samantha Thompson (*Goose Creek High School*), Nikki Minaj sang:

$$(va)^2 (voom)$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

56. According to Samantha Thompson (*Goose Creek High School*), Nikki Minaj sang:

$$(va)^2 (voom)$$

Answer: "Va va voom"
from *Va Va Voom* by Nikki Minaj.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

57. According to Tiffany Edwards (*Goose Creek High School*), Attack Attack! sang:

Stick $(1 + ly)$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

57. According to Tiffany Edwards (*Goose Creek High School*), Attack Attack! sang:

Stick $(1 + ly)$

Answer: “Stick Stickly”
from *Stick Stickly* by Attack Attack!.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

58. According to Courtney Jones (*Goose Creek High School*), Adele sang:

$$\sum 1 = \text{You}$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

58. According to Courtney Jones (*Goose Creek High School*), Adele sang:

$$\sum 1 = \text{You}$$

Answer: "Someone like you"
from *Someone Like You* by Adele.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

59. According to Jasmine Cohen (*Goose Creek High School*), Bruno Mars sang:

$$\frac{1, 2, 3, 4, \dots}{\text{Me}}$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

59. According to Jasmine Cohen (*Goose Creek High School*), Bruno Mars sang:

$$\frac{1, 2, 3, 4, \dots}{\text{Me}}$$

Answer: "Count on me"
from *Count On Me* by Bruno Mars.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

60. According to Jasmine Cohen (*Goose Creek High School*), Five for Fighting sang:

$$4(5 \times 5) \text{ years}$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

60. According to Jasmine Cohen (*Goose Creek High School*), Five for Fighting sang:

$$4(5 \times 5) \text{ years}$$

Answer: "One hundred years"
from *100 Years* by Five for Fighting.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

61. According to Austin Pahl, Lauren Fanning, Jarrett Londergan (*Pinewood Preparatory School*),
Cake sang:

Goingthes(t)

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

61. According to Austin Pahl, Lauren Fanning, Jarrett Londergan (*Pinewood Preparatory School*),
Cake sang:

Goingthes(t)

Answer: “Going the distance”
from *Going the Distance* by Cake.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

62. According to Kayla Morrin (*Goose Creek High School*), Linkin Park sang:

New \div

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

62. According to Kayla Morrin (*Goose Creek High School*), Linkin Park sang:

New ÷

Answer: “New divide”
from *New Divide* by Linkin Park.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

63. According to Allisa Horst (*Goose Creek High School*), Maroon 5 sang:

$1 > \text{Night}$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

63. According to Allisa Horst (*Goose Creek High School*), Maroon 5 sang:

1 > Night

Answer: "One more night"
from *One More Night* by Maroon 5.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

64. According to Daniel Taylor, Chris Schifer and Camilo Suescum (*South Aiken High School*), Beyoncé sang:

$$\forall \text{the} \frac{\text{double}}{2} \text{ladies}$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

64. According to Daniel Taylor, Chris Schifer and Camilo Suescum (*South Aiken High School*), Beyoncé sang:

$$\forall \text{the} \frac{\text{double}}{2} \text{ladies}$$

Answer: “All the single ladies”
from *Single Ladies* by Beyoncé.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

65. According to Erik Cardwell, Sarah Reid, Caroline Vedane, John Hyatt, Sam Ferguson, Katie Hartley, Dalton Antley, Lauren Pyatt, and Julia Grace Rink (*Charleston Charter School for Math and Science*), Elvis Presley sang:

$$\sqrt{-1}\text{Christmas} - U = \text{Blue}$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

65. According to Erik Cardwell, Sarah Reid, Caroline Vedane, John Hyatt, Sam Ferguson, Katie Hartley, Dalton Antley, Lauren Pyatt, and Julia Grace Rink (*Charleston Charter School for Math and Science*), Elvis Presley sang:

$$\sqrt{-1}\text{Christmas} - U = \text{Blue}$$

Answer: "I'll have a blue Christmas without you"
from *Blue Christmas* by Elvis Presley.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

66. According to Alex Kasman (*College of Charleston*), Indigo Girls sang:

$$\lim_{\substack{\text{seeking source} \\ \text{for definitive}} \rightarrow 0} \sqrt{-1} = \text{Fine}$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

66. According to Alex Kasman (*College of Charleston*), Indigo Girls sang:

$$\lim_{\substack{\text{seeking source} \\ \text{for definitive}} \rightarrow 0} \sqrt{-1} = \text{Fine}$$

Answer: “The less I seek my source for some definitive, the closer I am to fine”
from *Closer to Fine* by Indigo Girls.

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

67. According to Erik Cardwell, Sarah Reid, Caroline Vedane, John Hyatt, Sam Ferguson, Katie Hartley, Dalton Antley, Lauren Pyatt, and Julia Grace Rink (*Charleston Charter School for Math and Science*), The Beatles sang:

$$\sqrt{-1}\text{Need } \sum (\text{body})^{\text{love}}$$

What are the lyrics?

College of Charleston Math Meet 2013 / Mathematical Lyrics Contest

67. According to Erik Cardwell, Sarah Reid, Caroline Vedane, John Hyatt, Sam Ferguson, Katie Hartley, Dalton Antley, Lauren Pyatt, and Julia Grace Rink (*Charleston Charter School for Math and Science*), The Beatles sang:

$$\sqrt{-1}\text{Need } \sum (\text{body})^{\text{love}}$$

Answer: "I need somebody to love"
from *A Little Help from my Friends* by The Beatles.