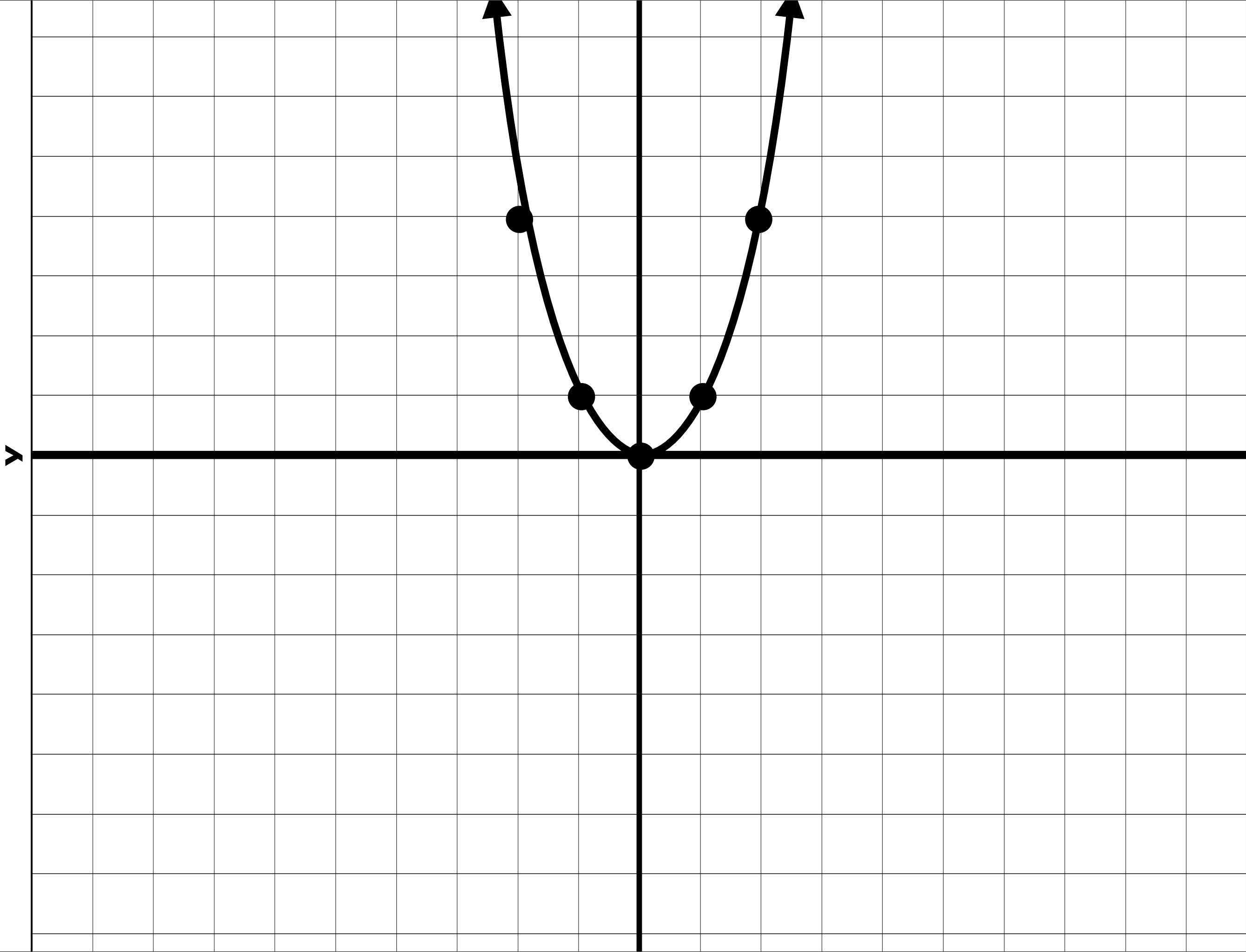
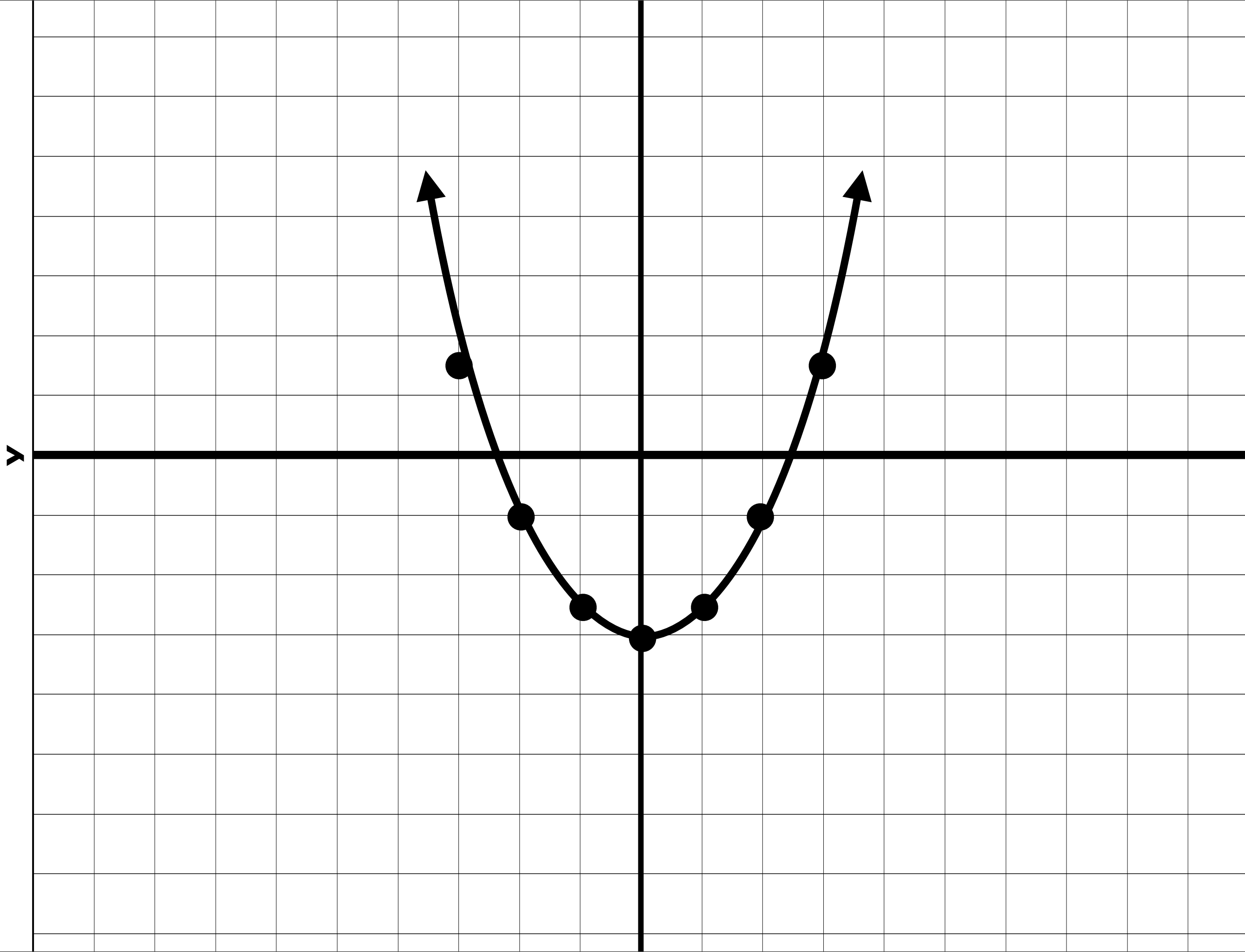


# Day 66

## 1. Opener

- a) Graph:  $y = x^2$
- b) Graph:  $y = \frac{1}{2}x^2 - 3$
- c) How did  $\frac{1}{2}$  change the graph in (b)? What did  $-3$  do?
- d) What is the only vegetable which is also a flower?













































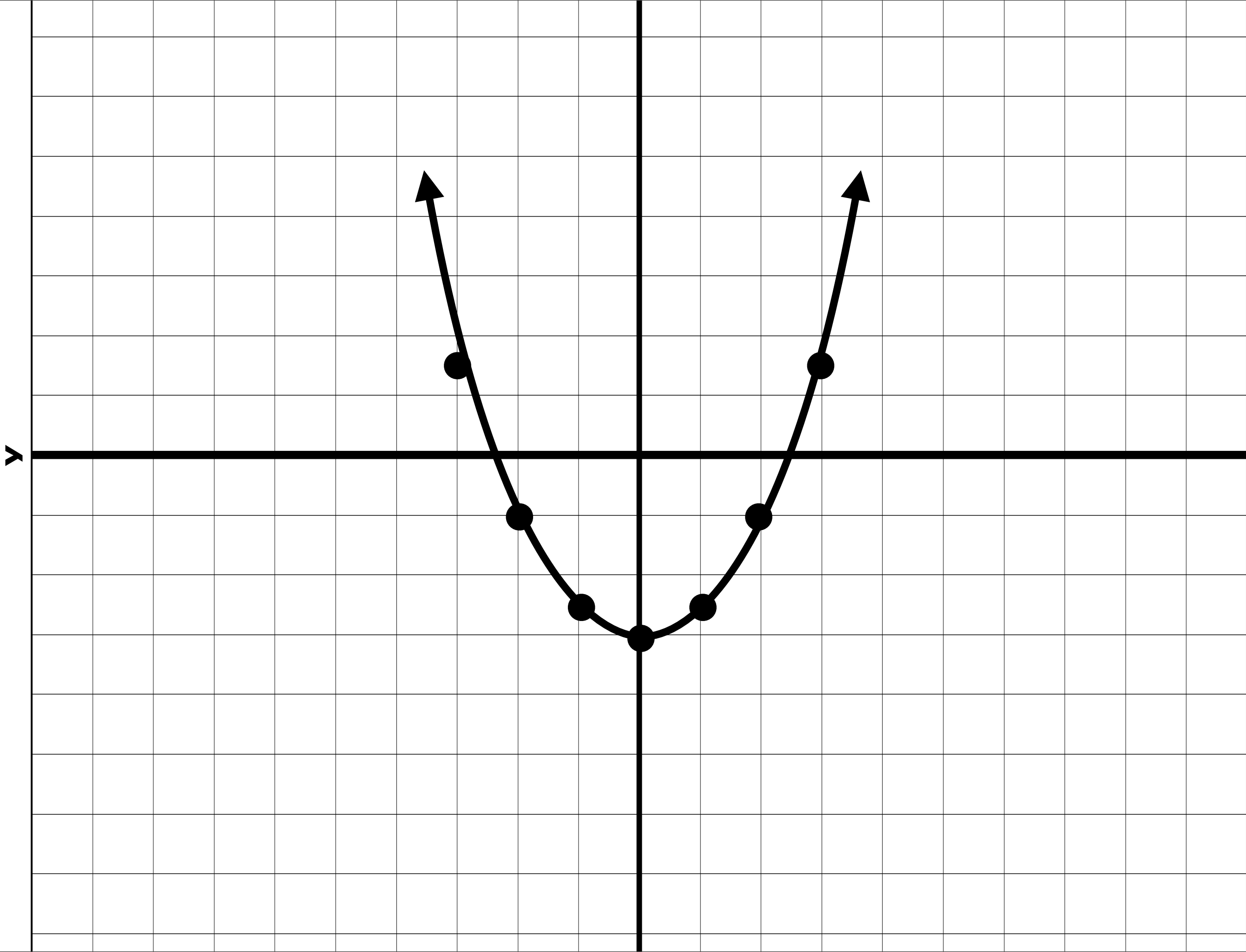


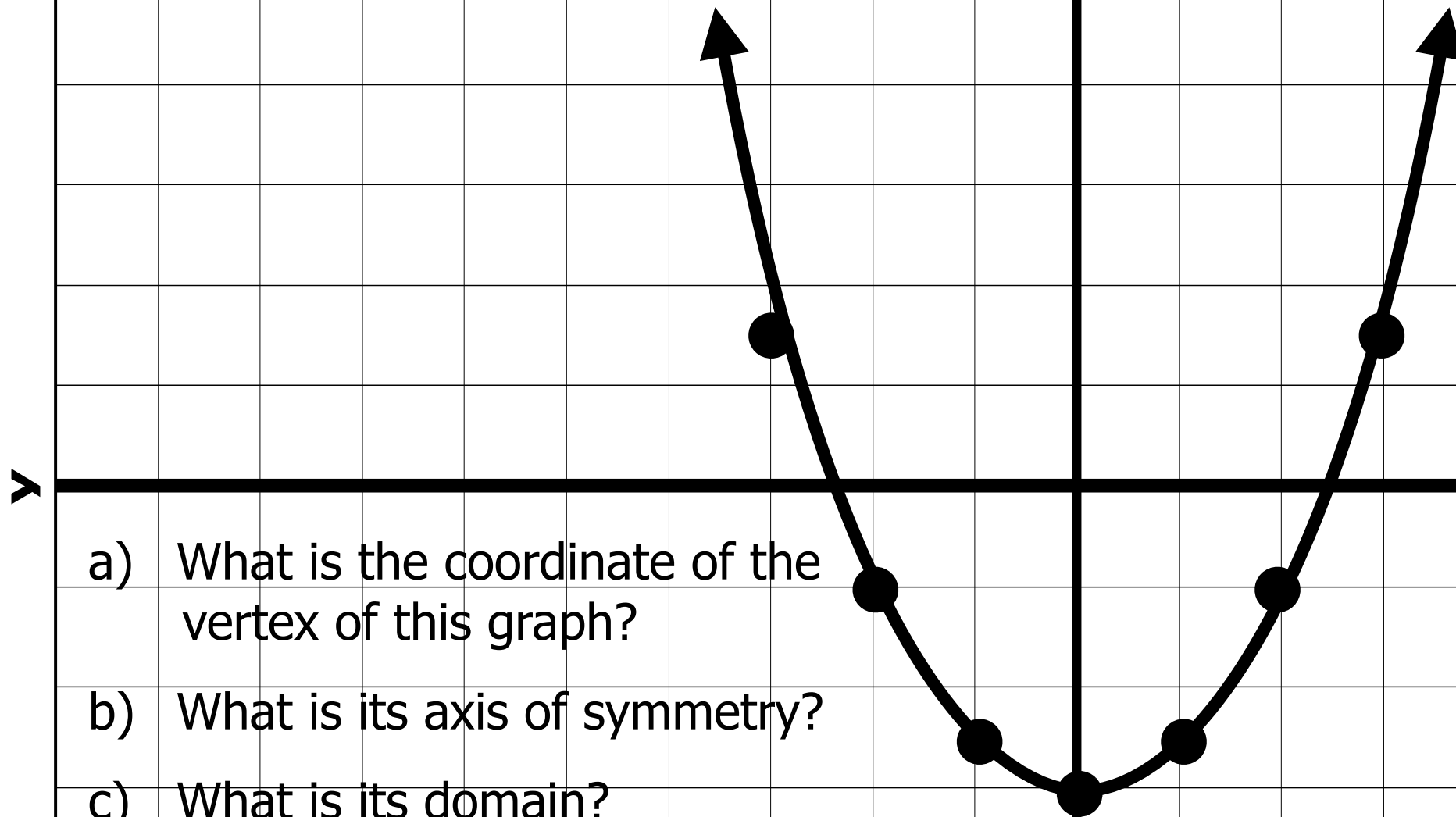






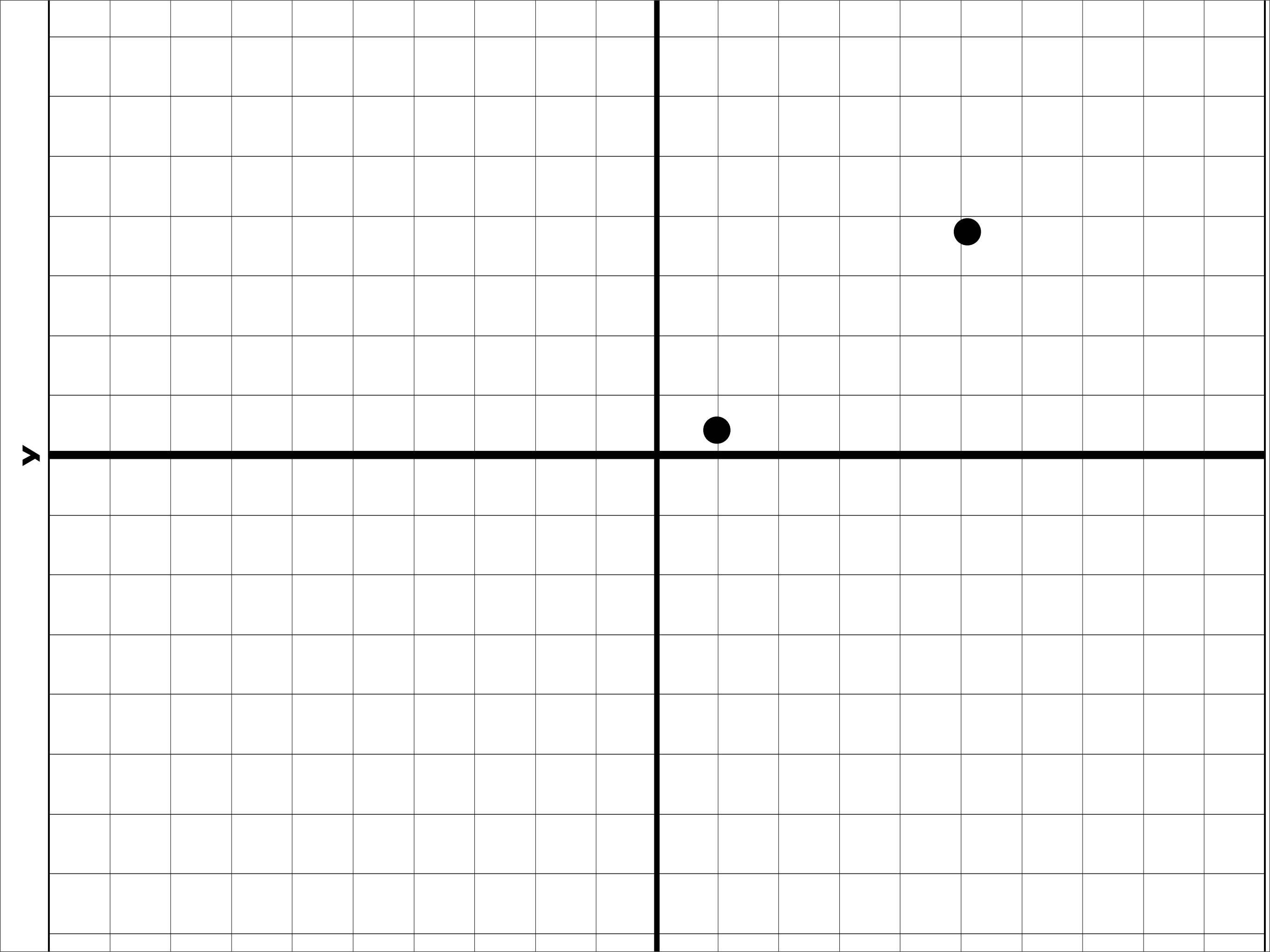






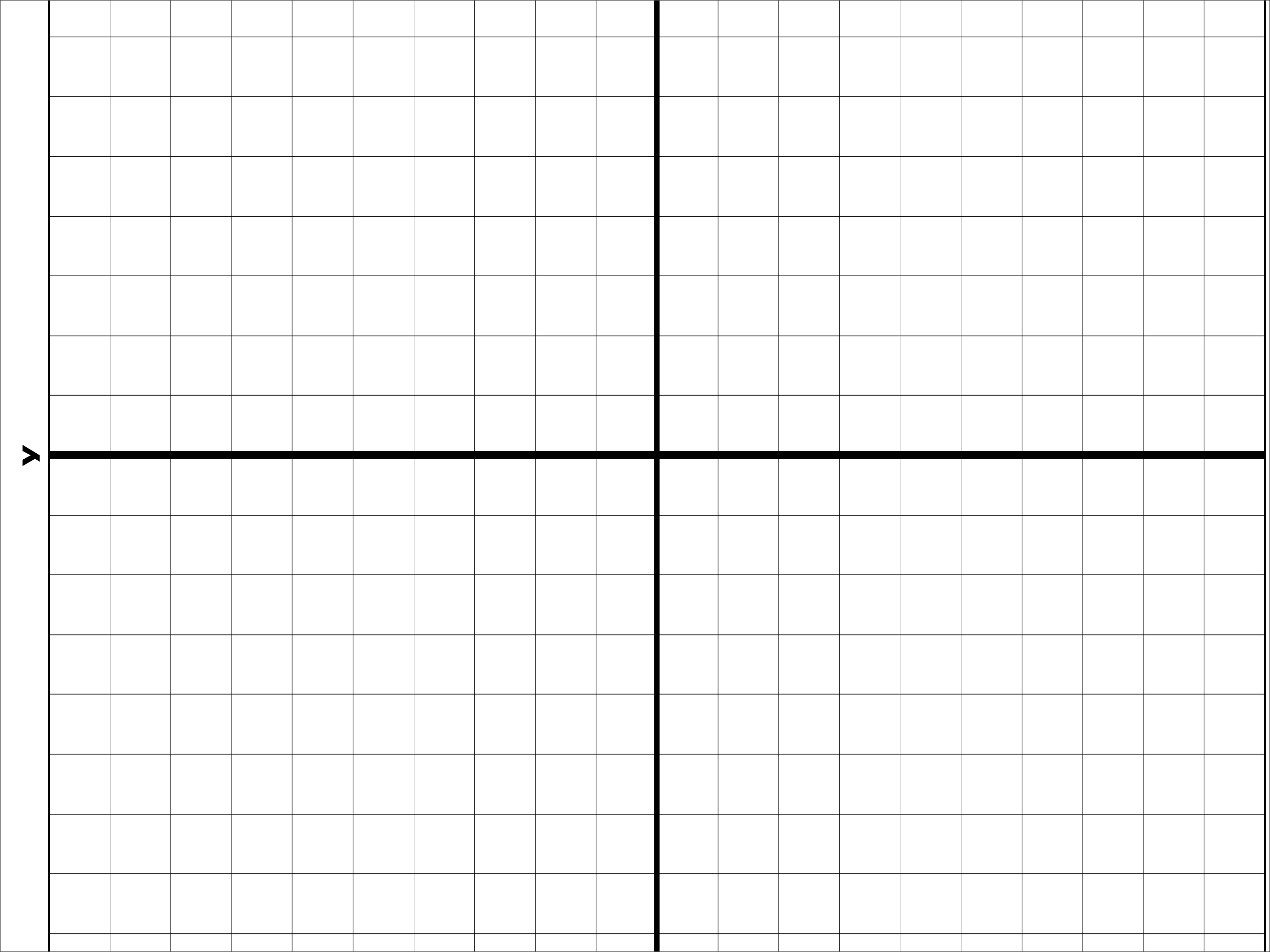
- a) What is the coordinate of the vertex of this graph?
- b) What is its axis of symmetry?
- c) What is its domain?
- d) What is its range?
- e) How many points do you need to guarantee a line?
- f) How many points do you need to guarantee a parabola?





# Friday 3/13/9:

[illegible]

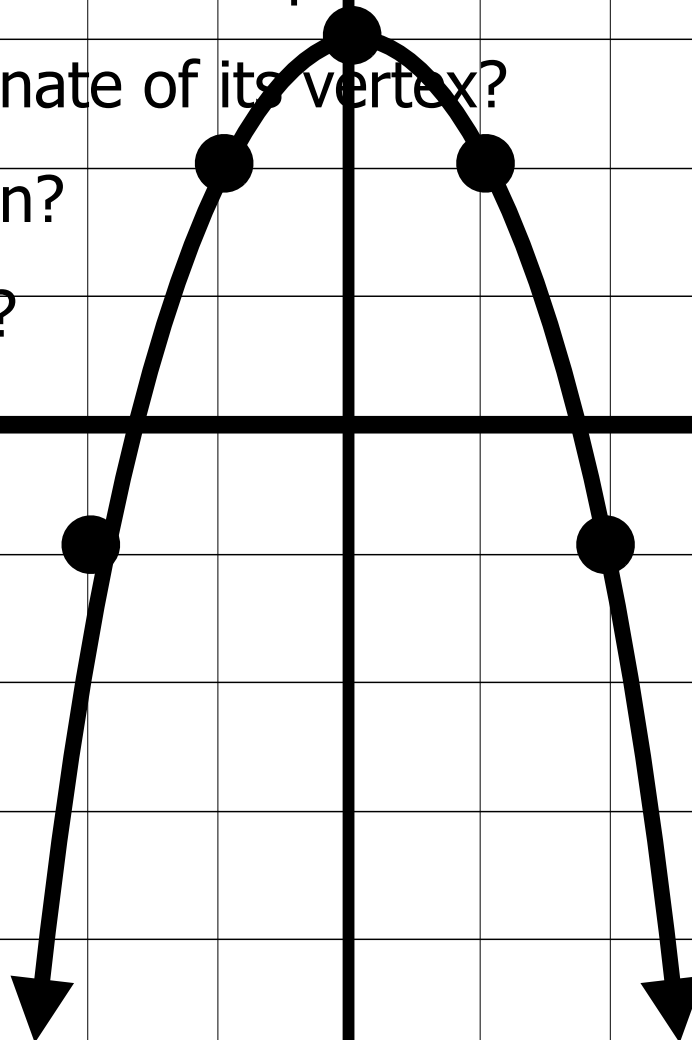


# Day 67

## 1. Opener

- a) What is the equation of this parabola?
- b) What is the coordinate of its vertex?
- c) What is the domain?
- d) What is the range?

y



- e) What part of your body heals the fastest?

# Friday 3/6/9:

[illegible]



















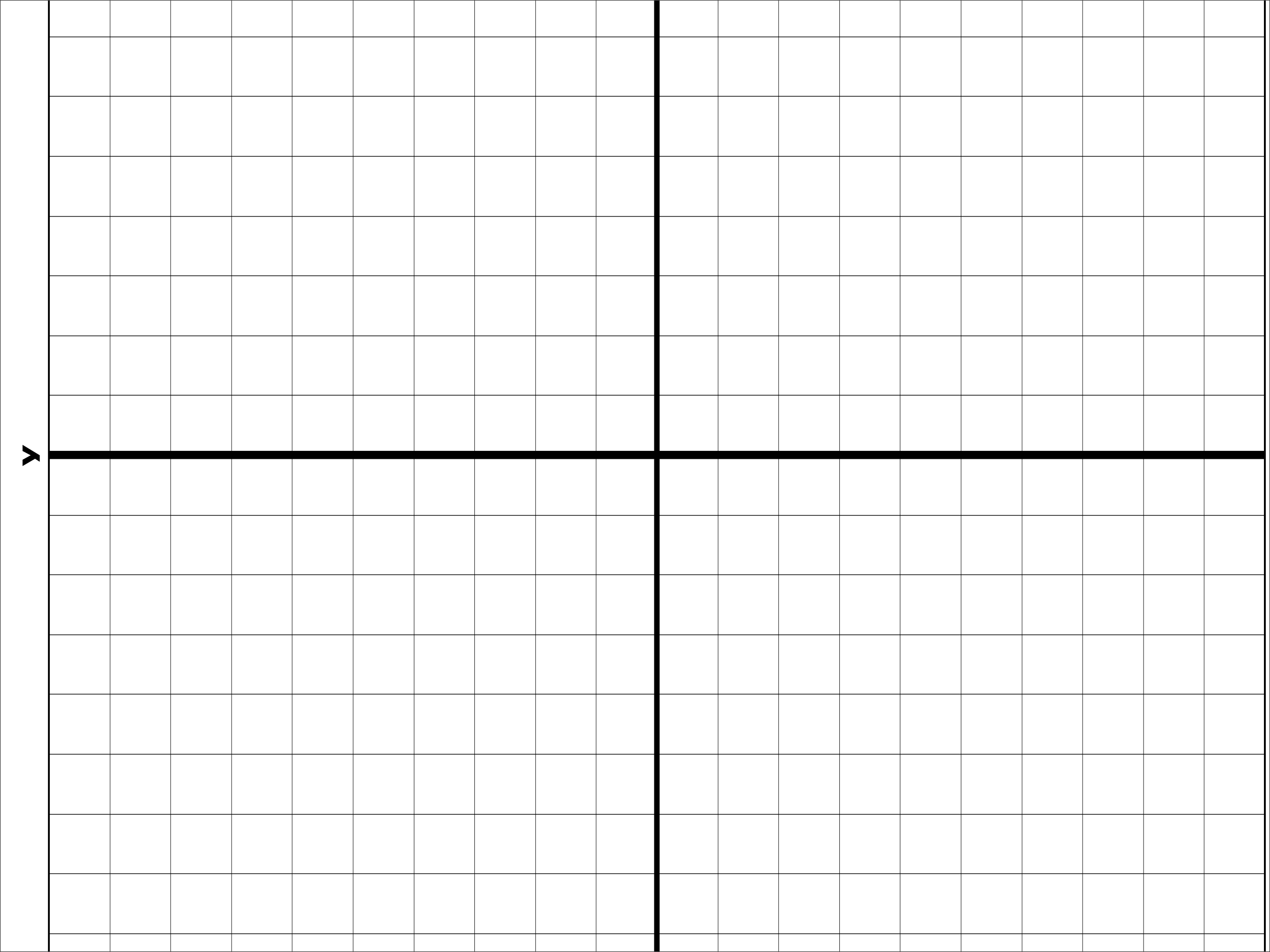
## **2. Review Work**

pg. 429 // #10 - 19

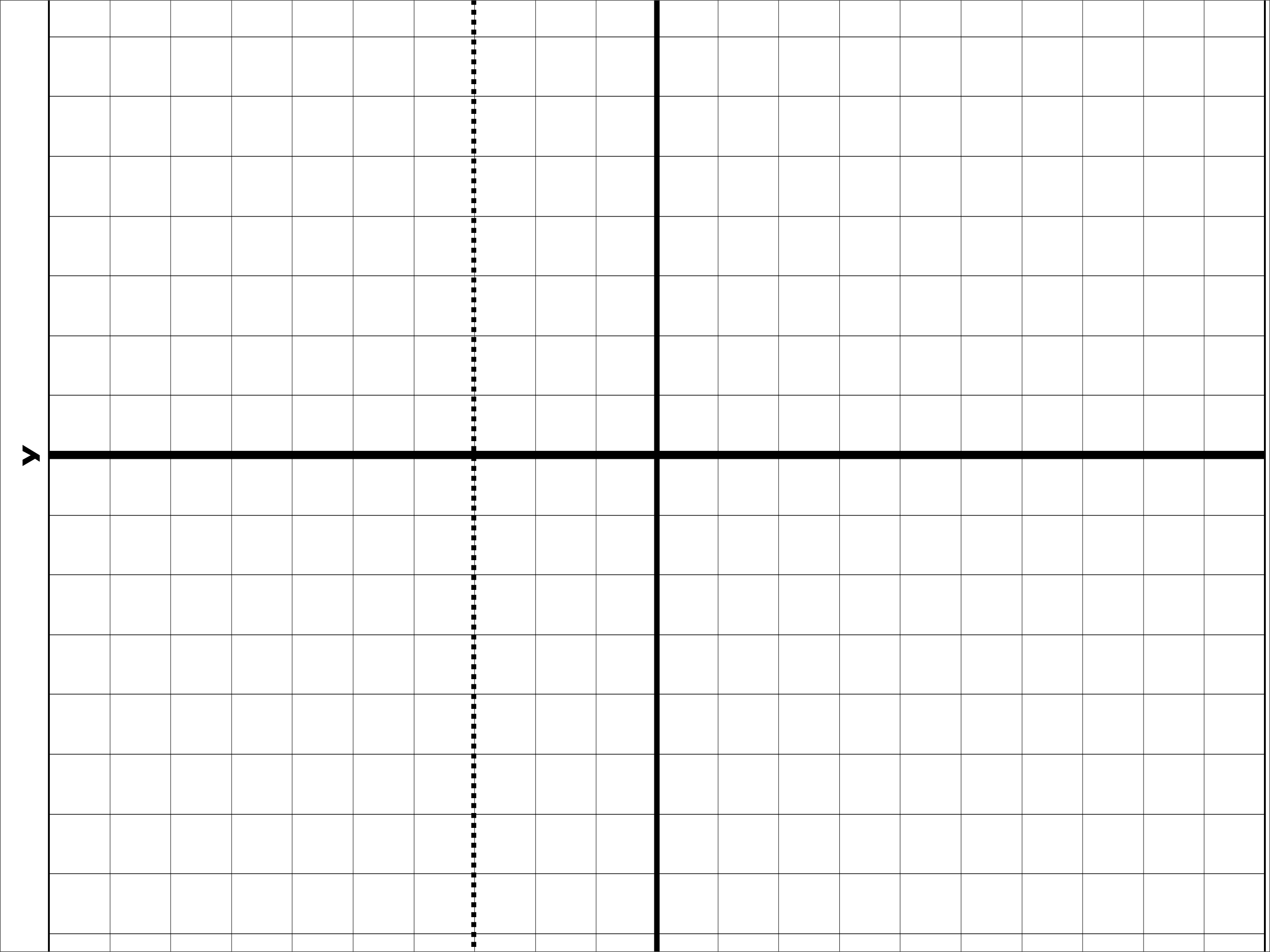
pg. 429 // #21 - 30

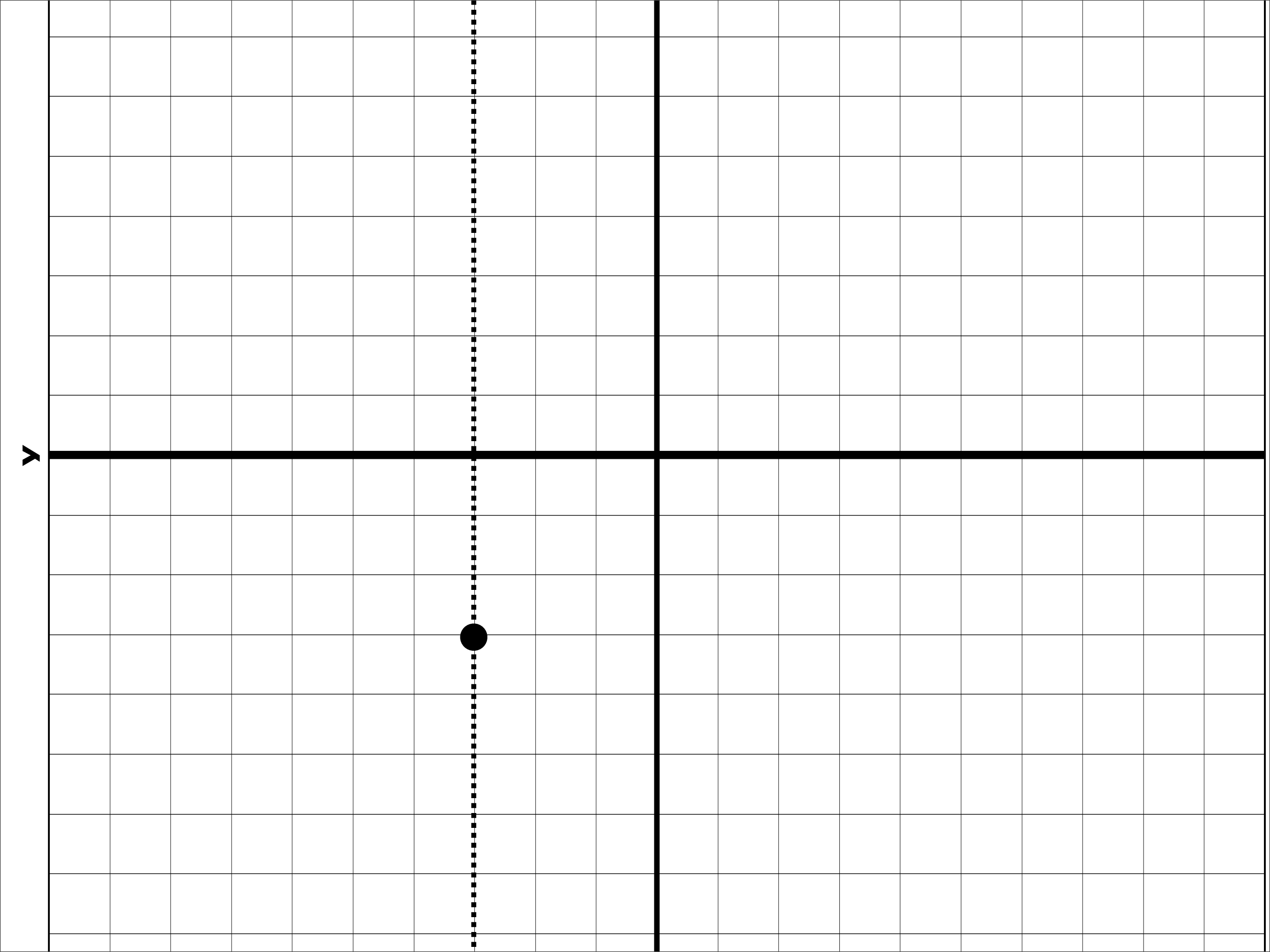
**3. Break**

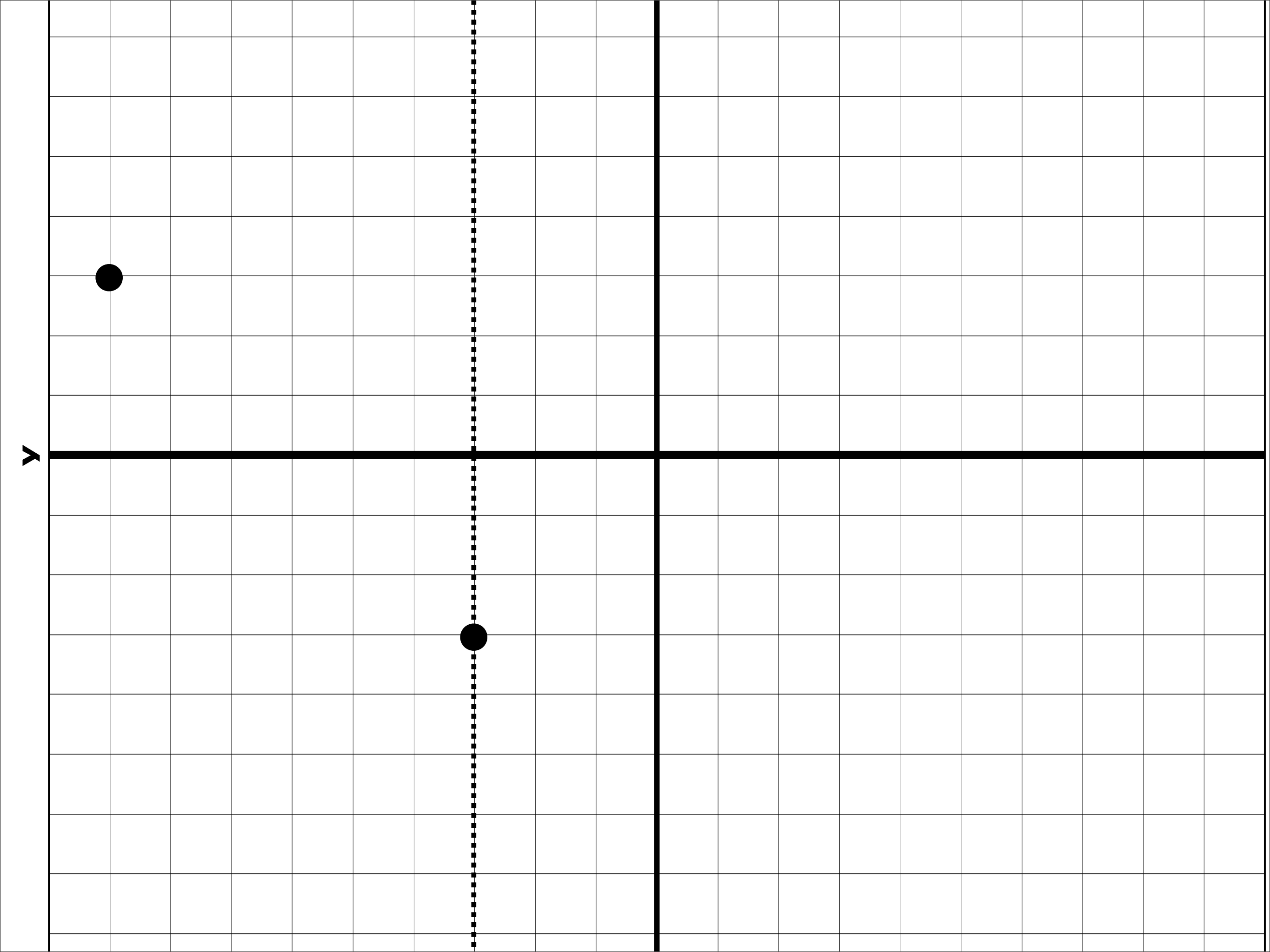
**4. Show and Tell**

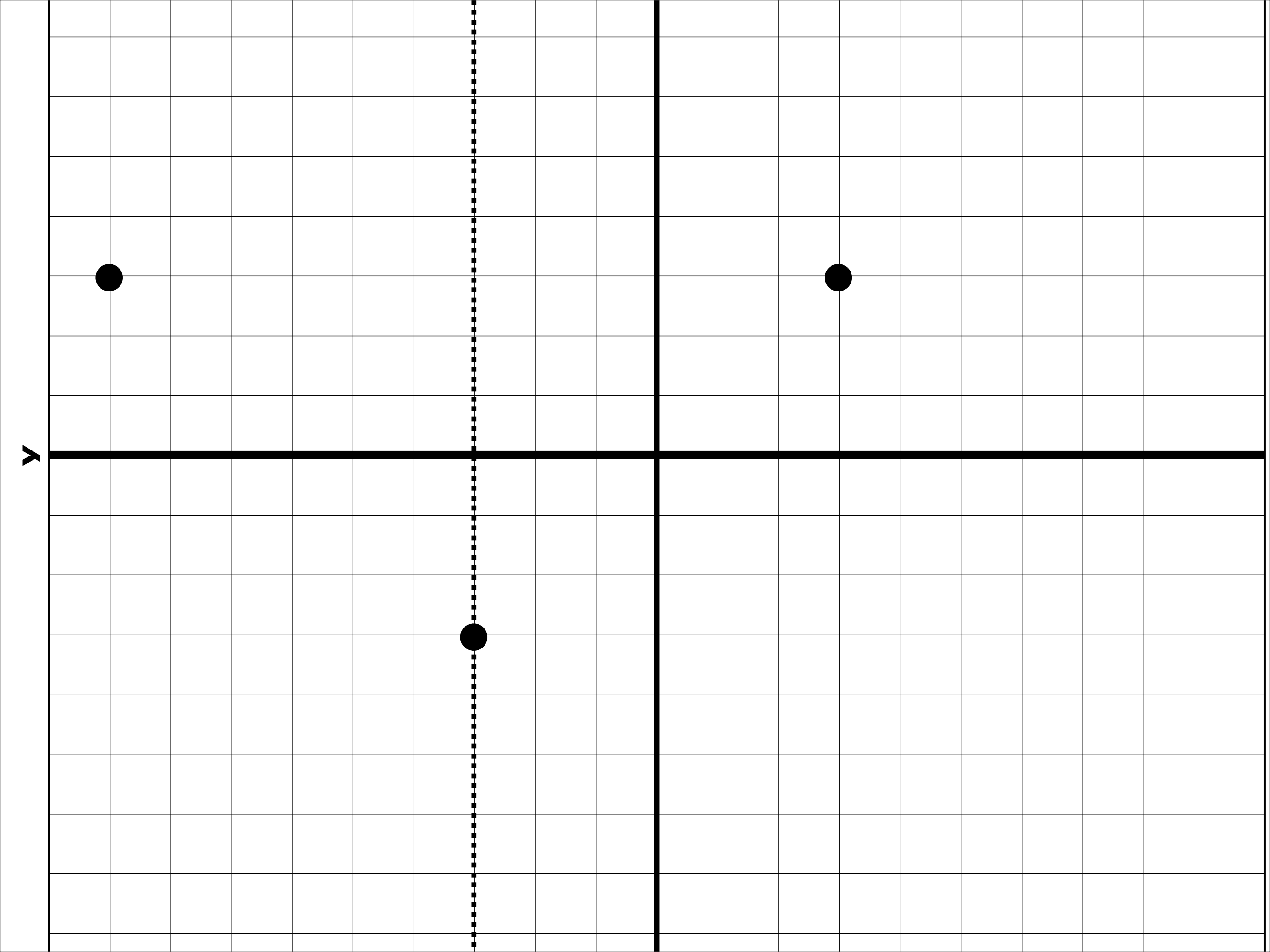


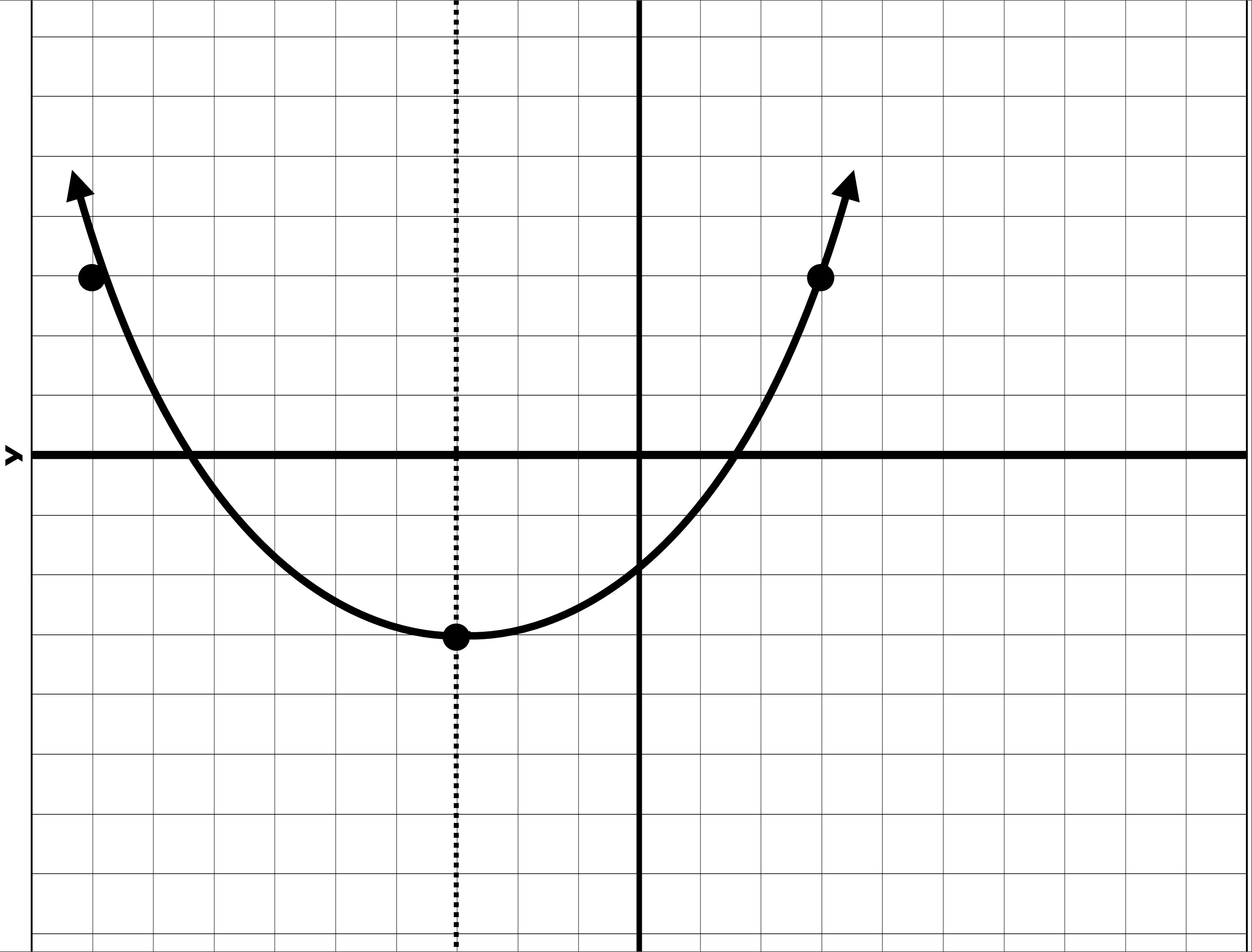


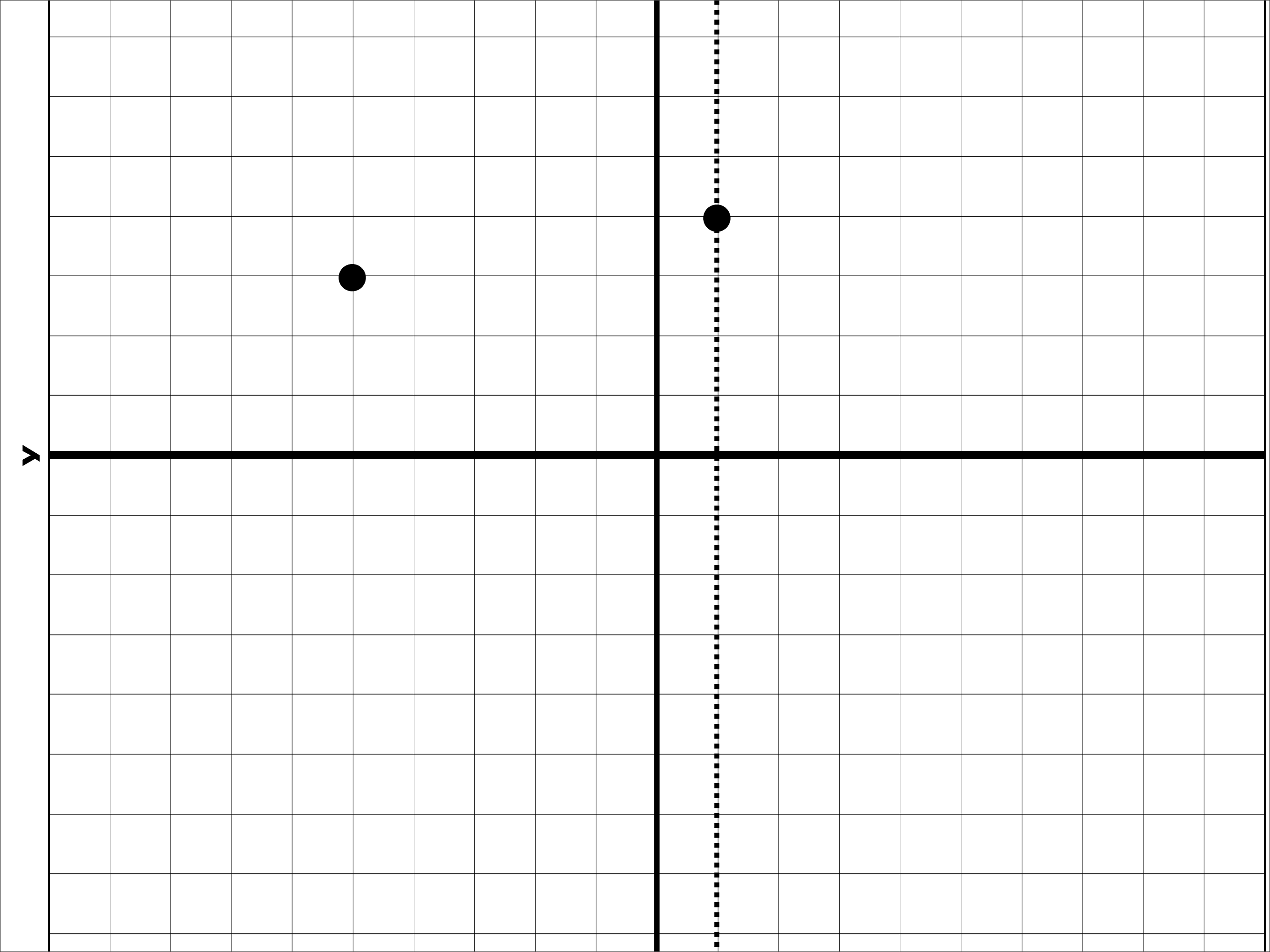


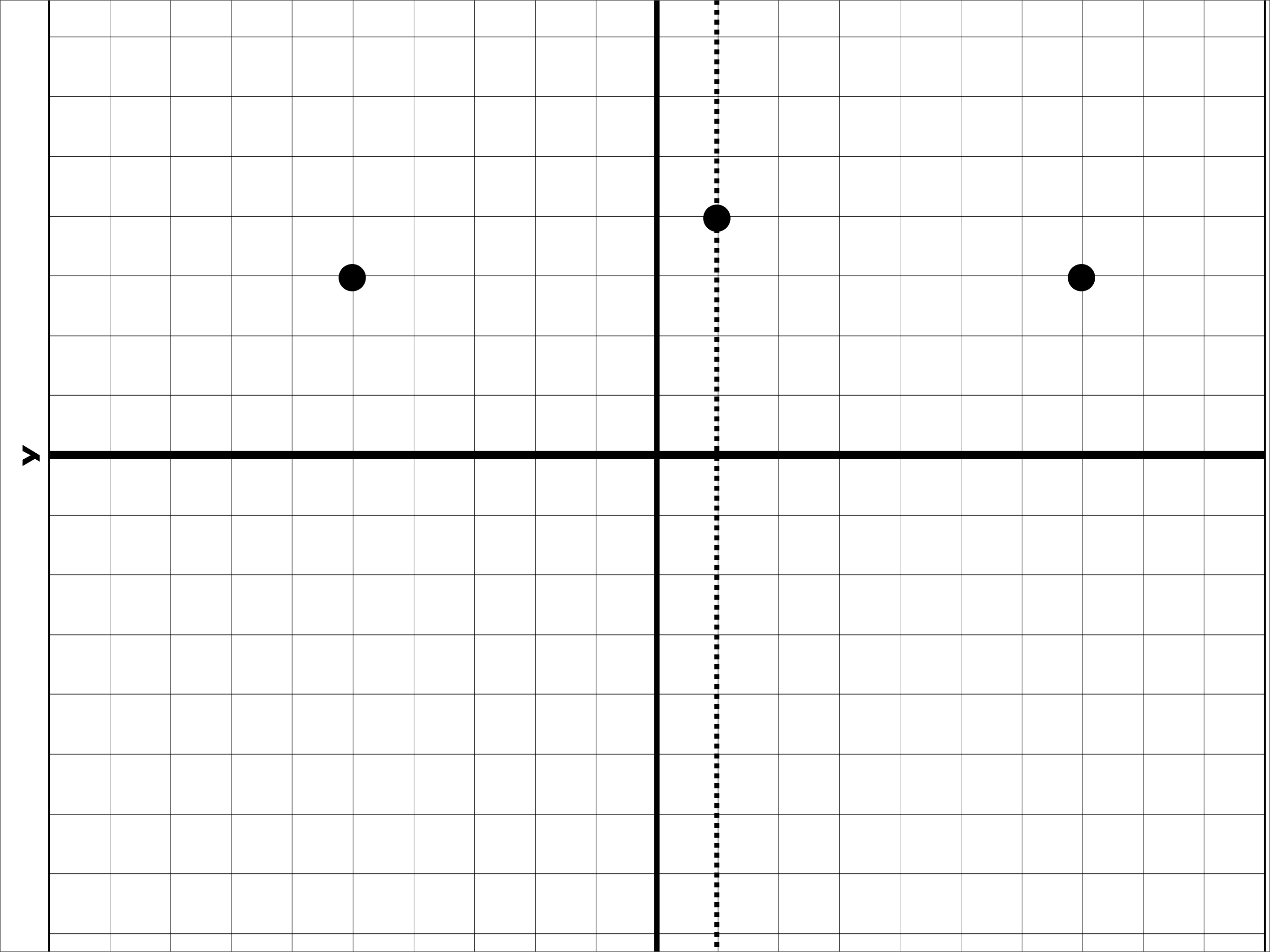




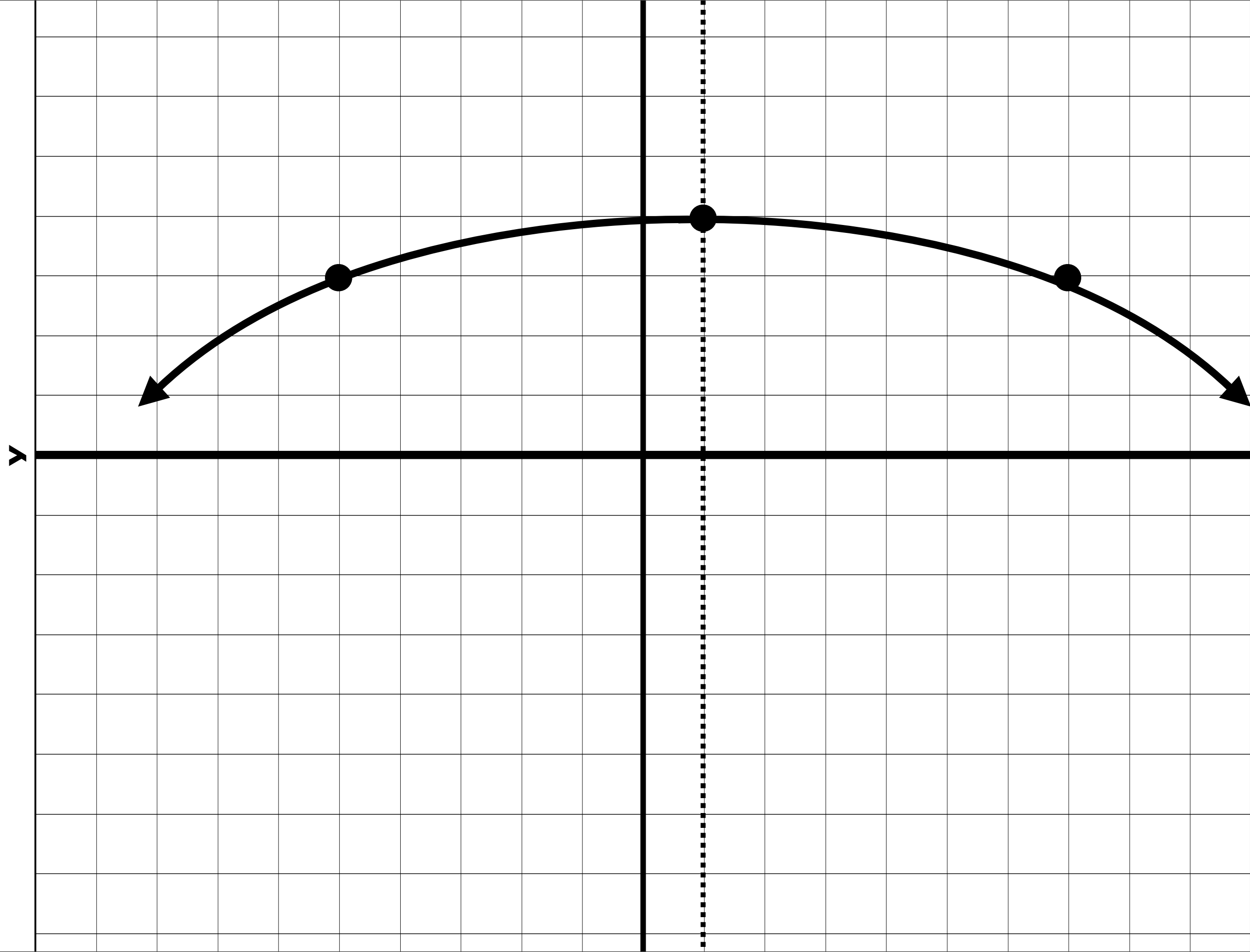


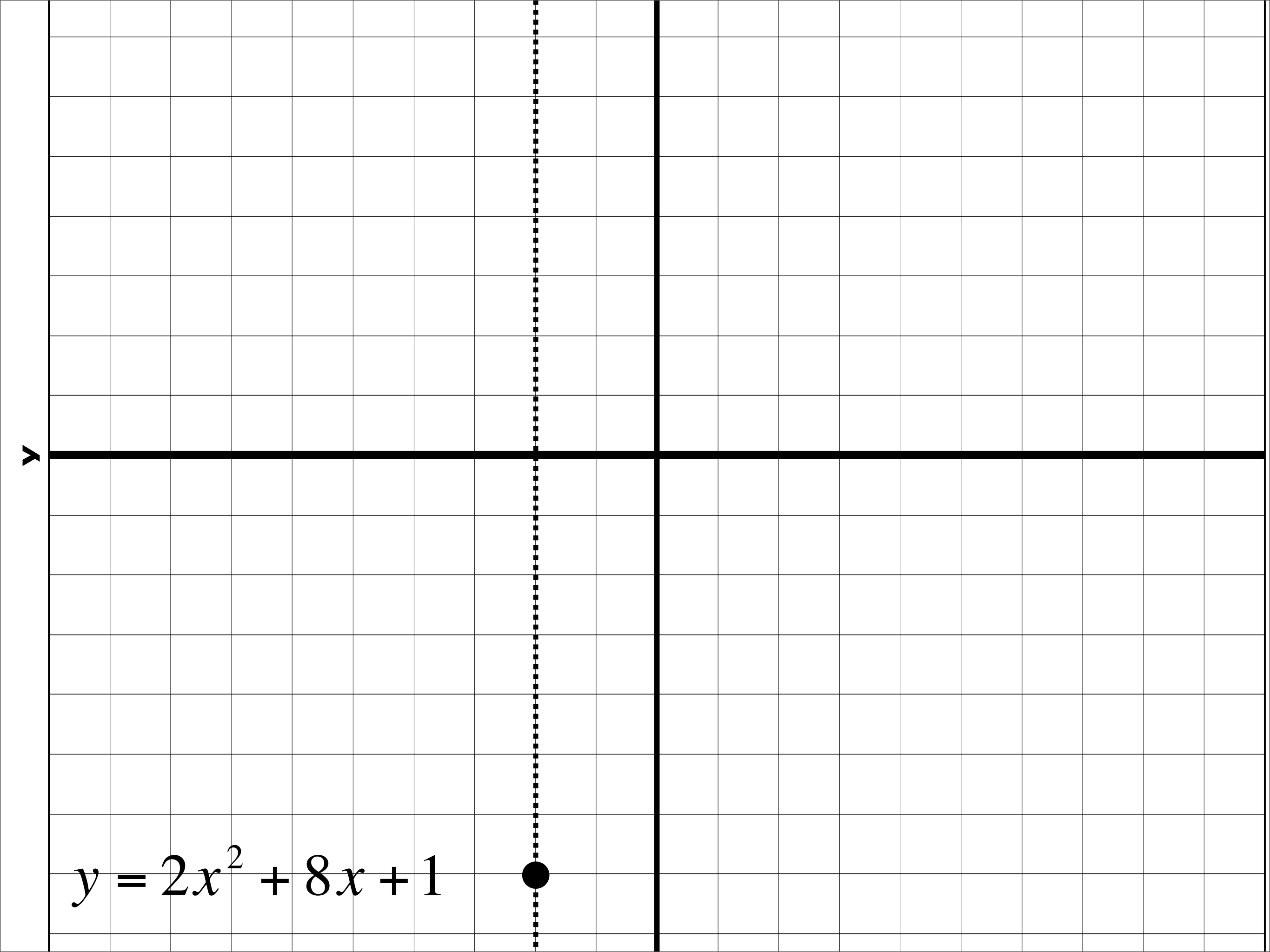




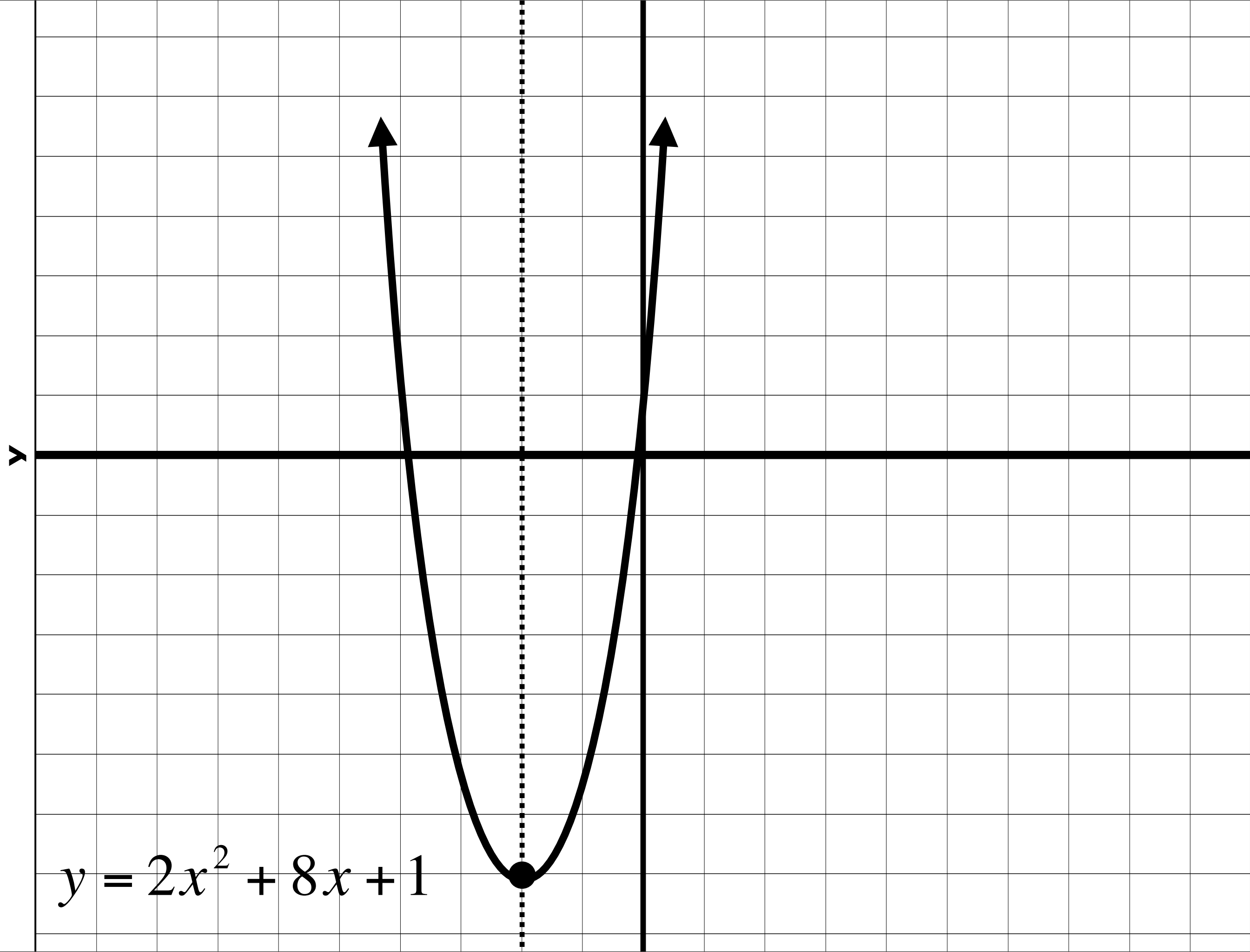








$$y = 2x^2 + 8x + 1$$





y

$$y = -x^2 + 2x + 3$$

y

$$y = -x^2 + 2x + 3$$



y

$$y = -x^2 + 2x + 3$$

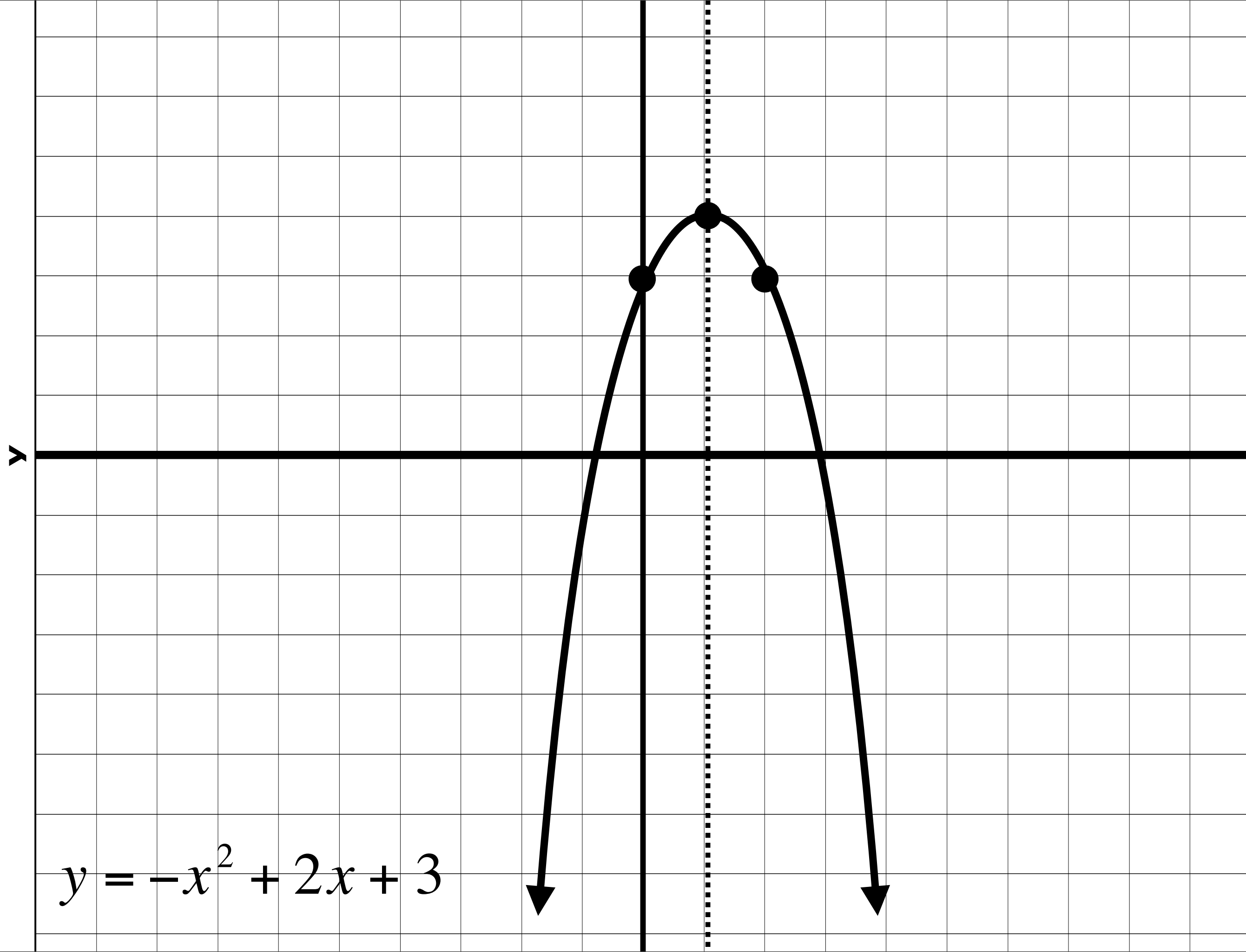




y

$$y = -x^2 + 2x + 3$$



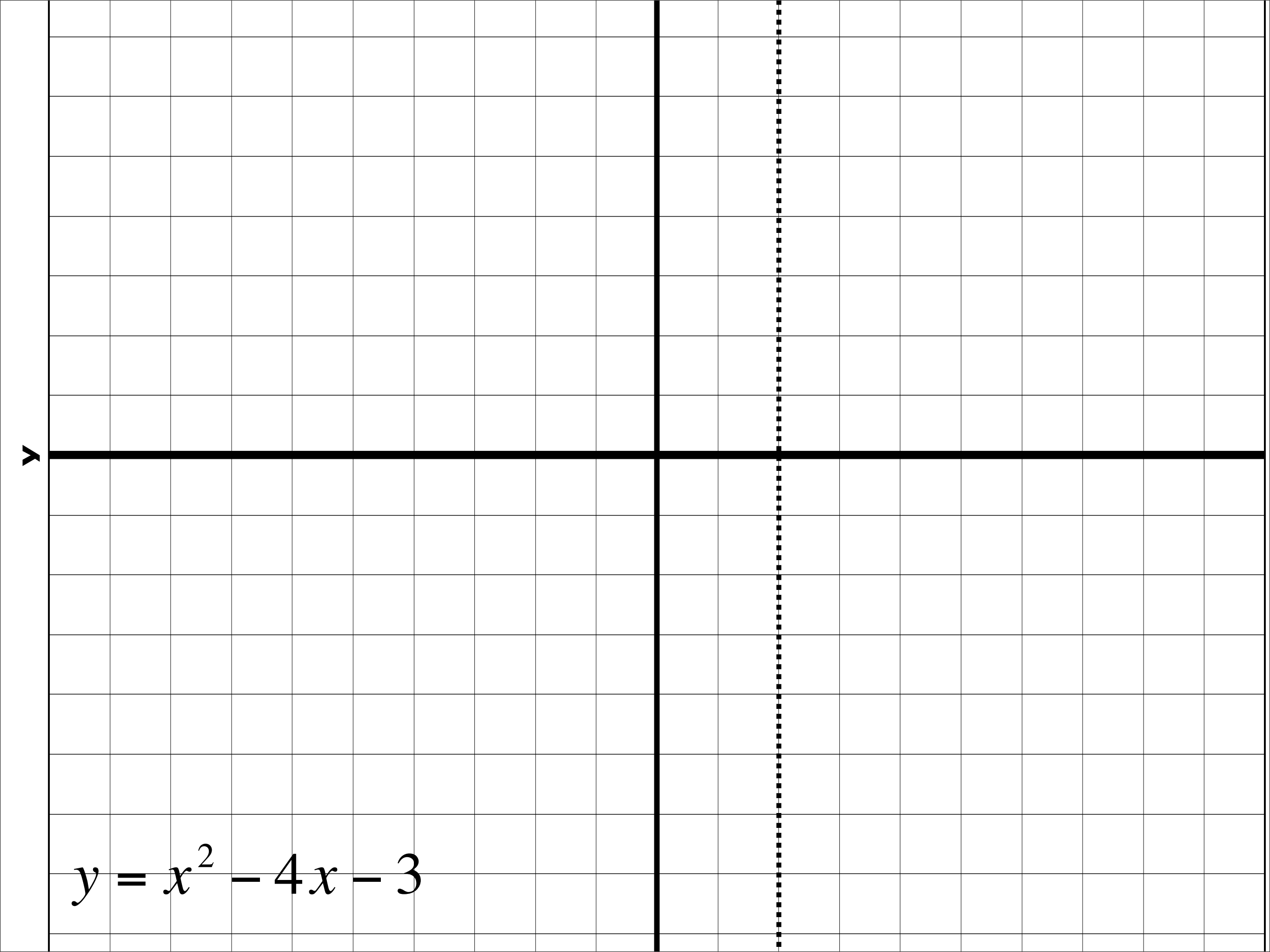


$$y = -x^2 + 2x + 3$$

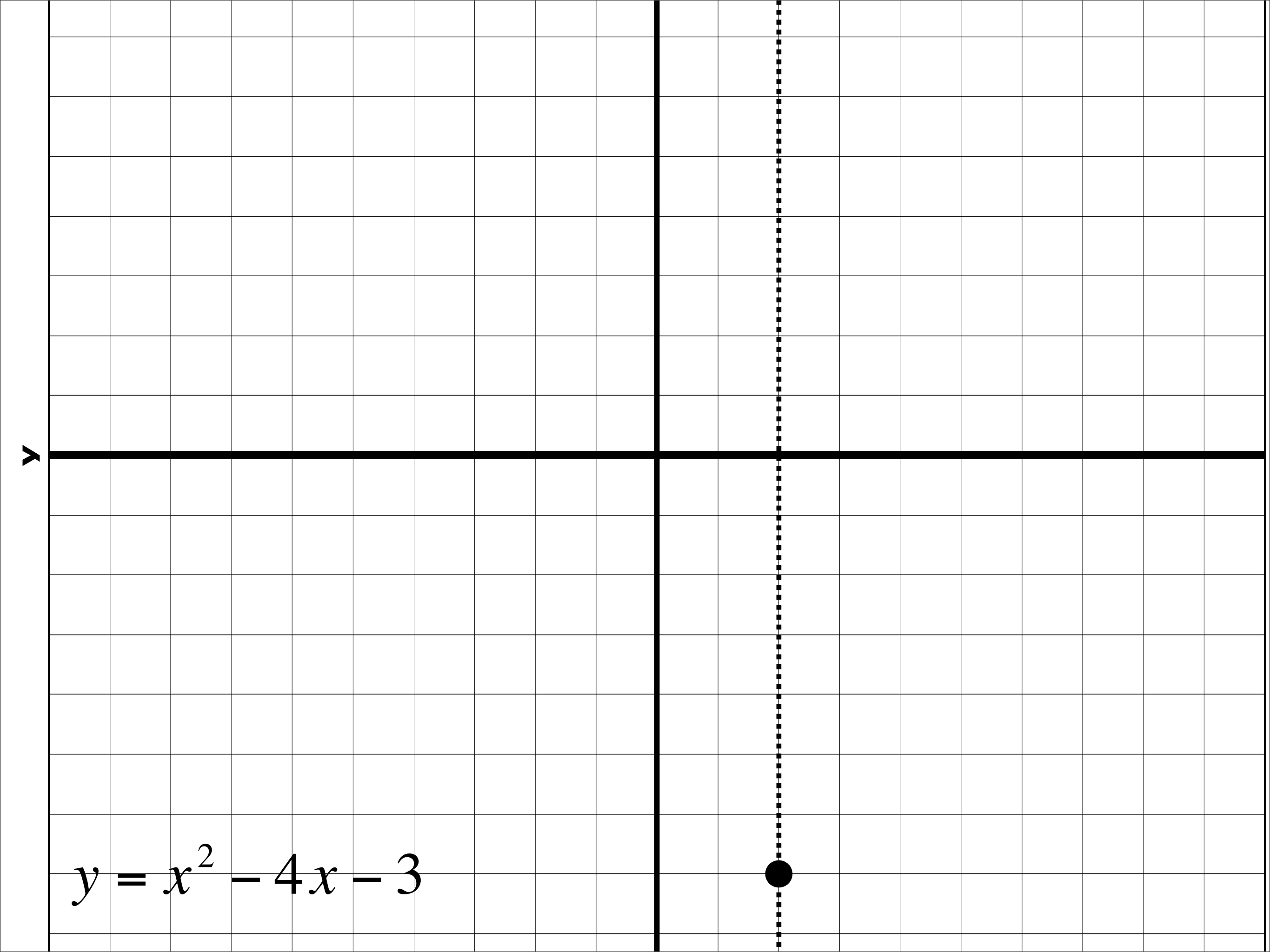


y

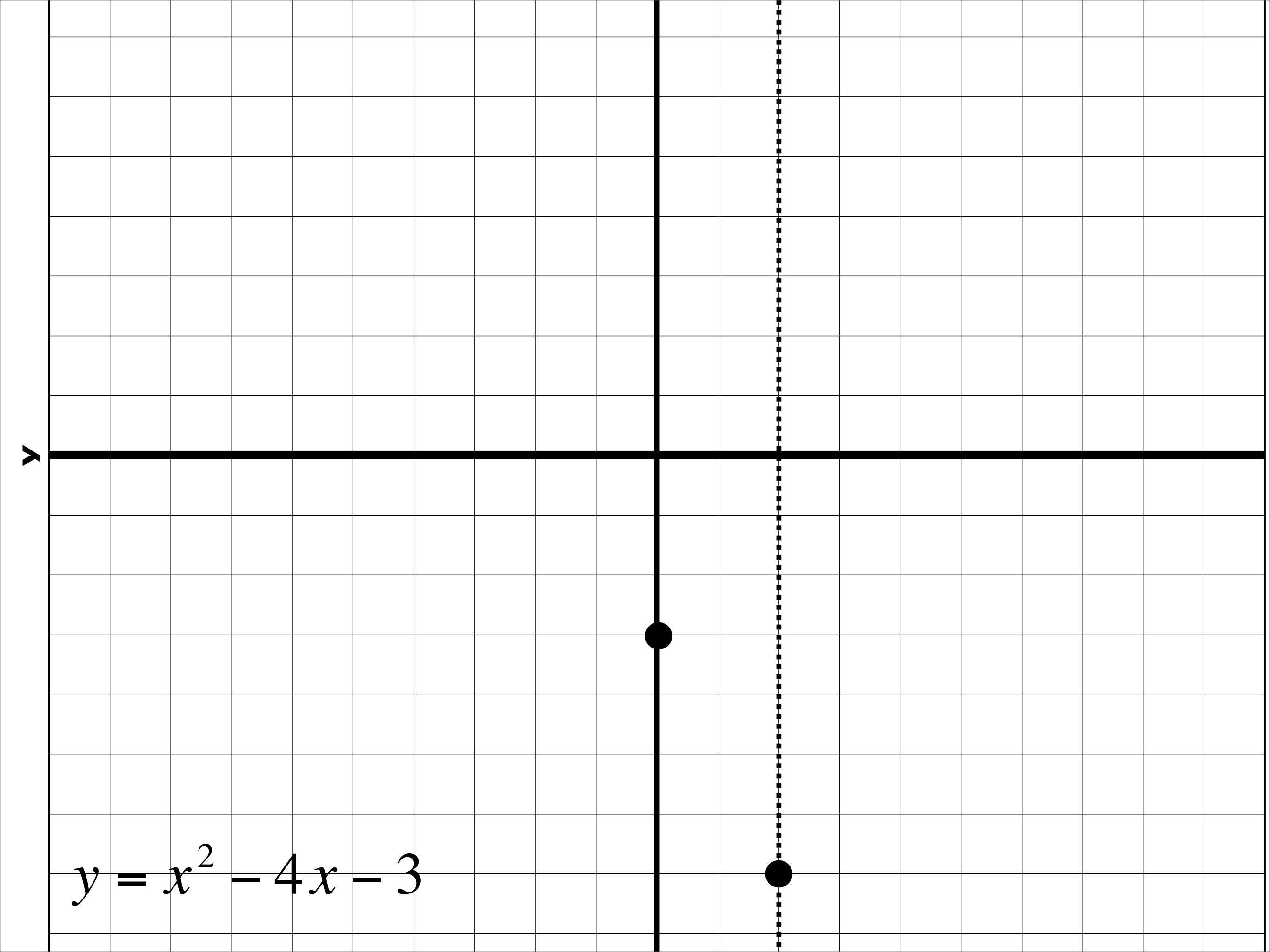
$$y = x^2 - 4x - 3$$



$$y = x^2 - 4x - 3$$



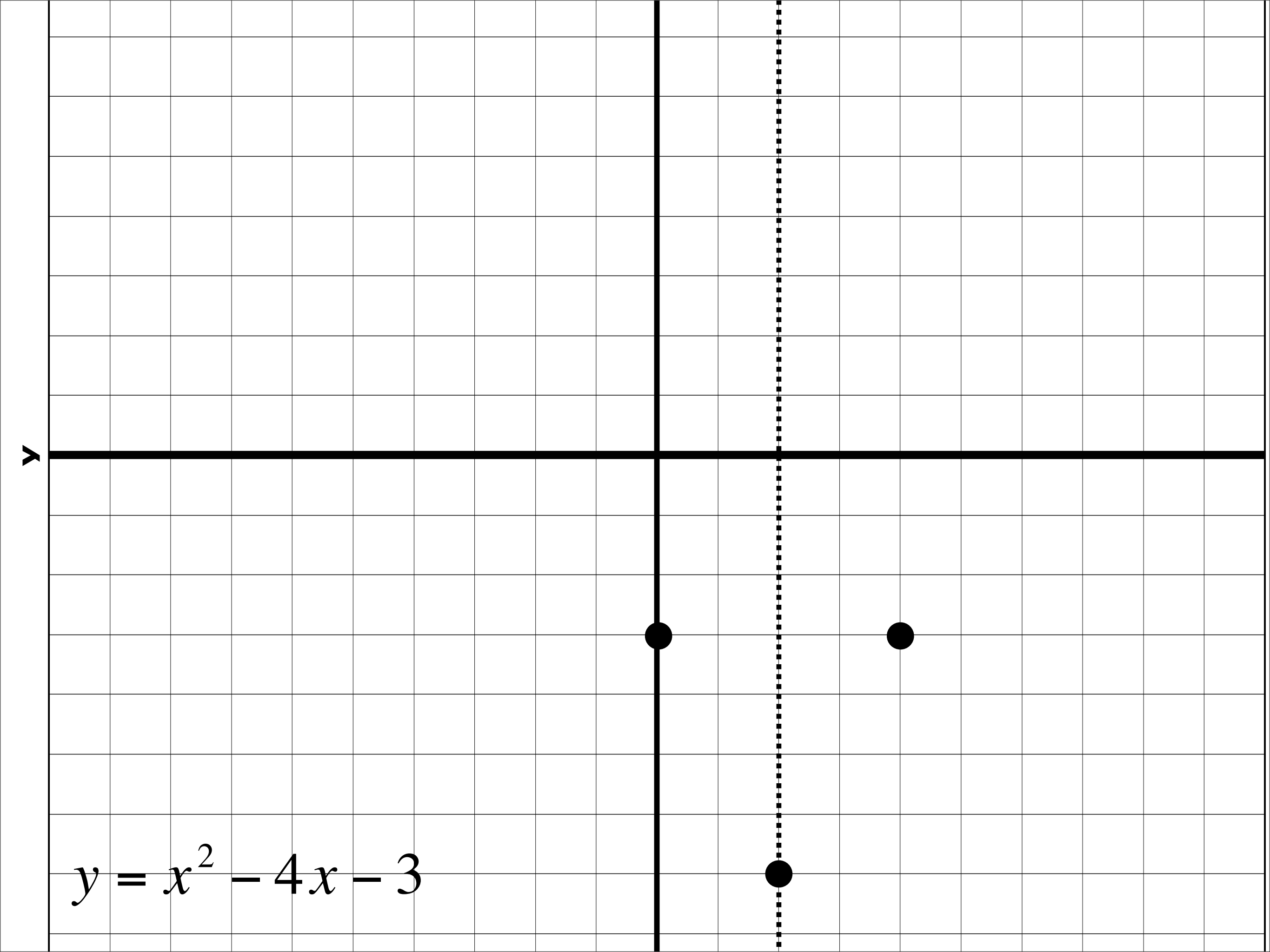
$$y = x^2 - 4x - 3$$



y

$$y = x^2 - 4x - 3$$



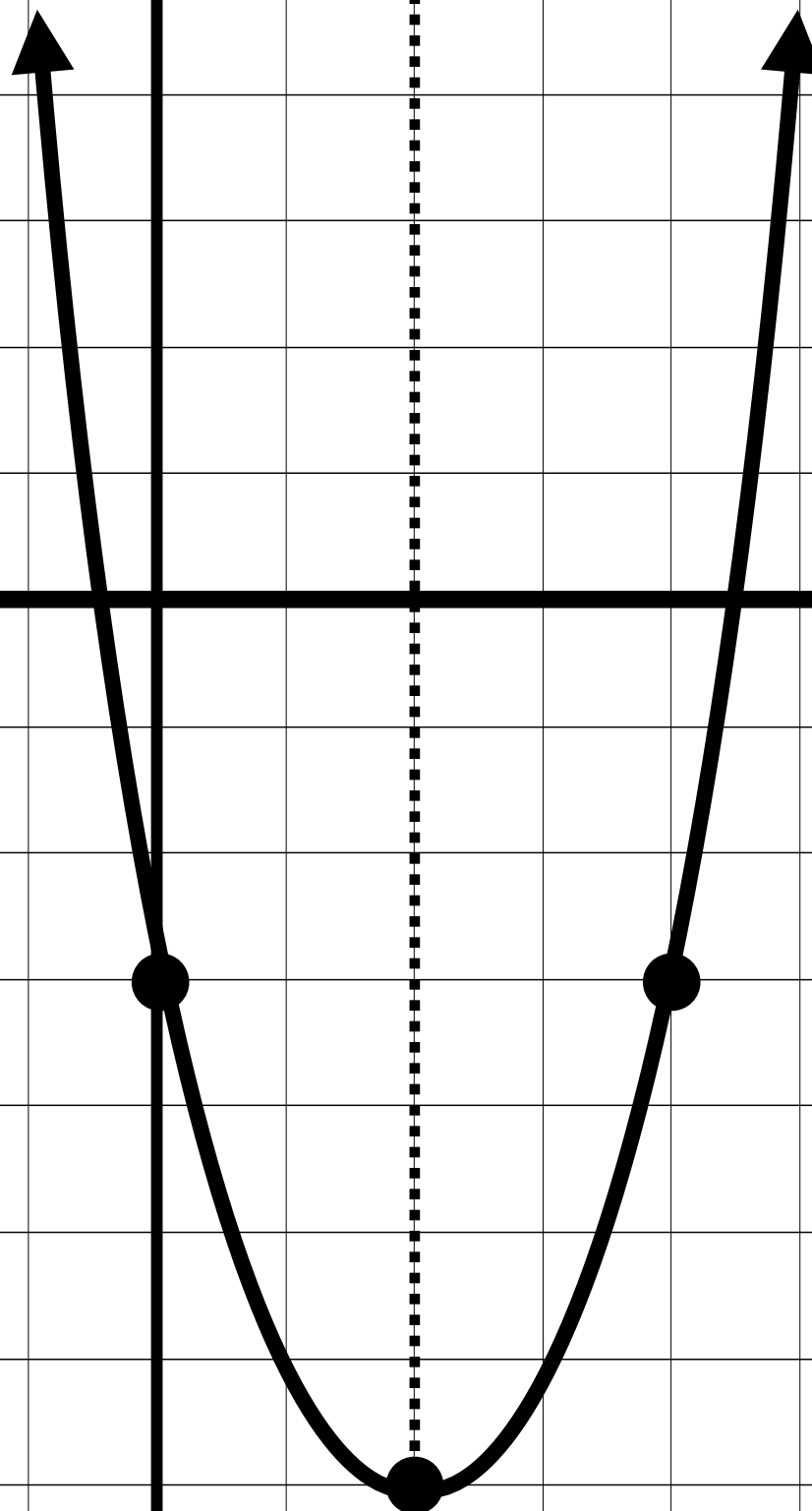


y

$$y = x^2 - 4x - 3$$

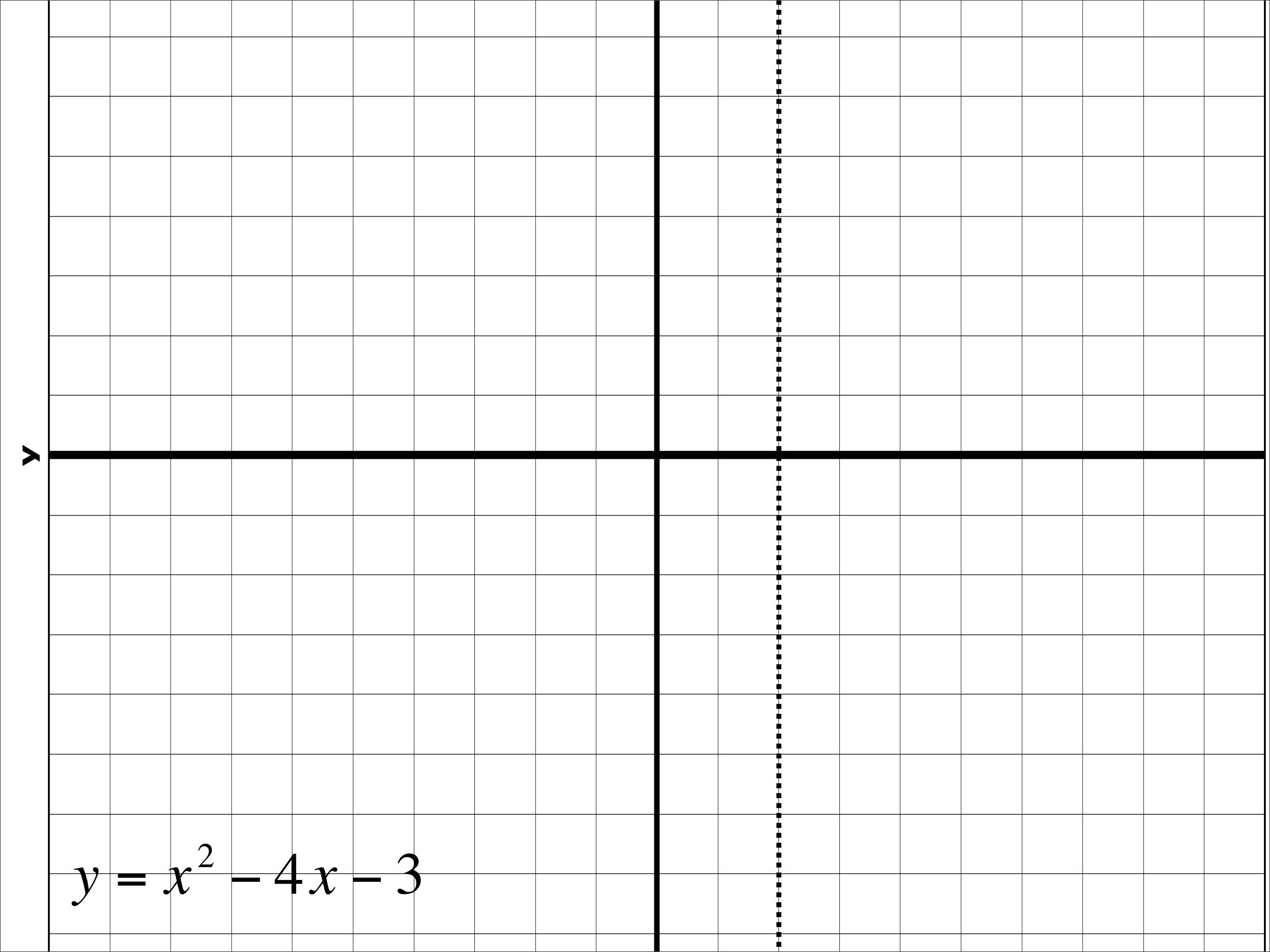
y

$$y = x^2 - 4x - 3$$



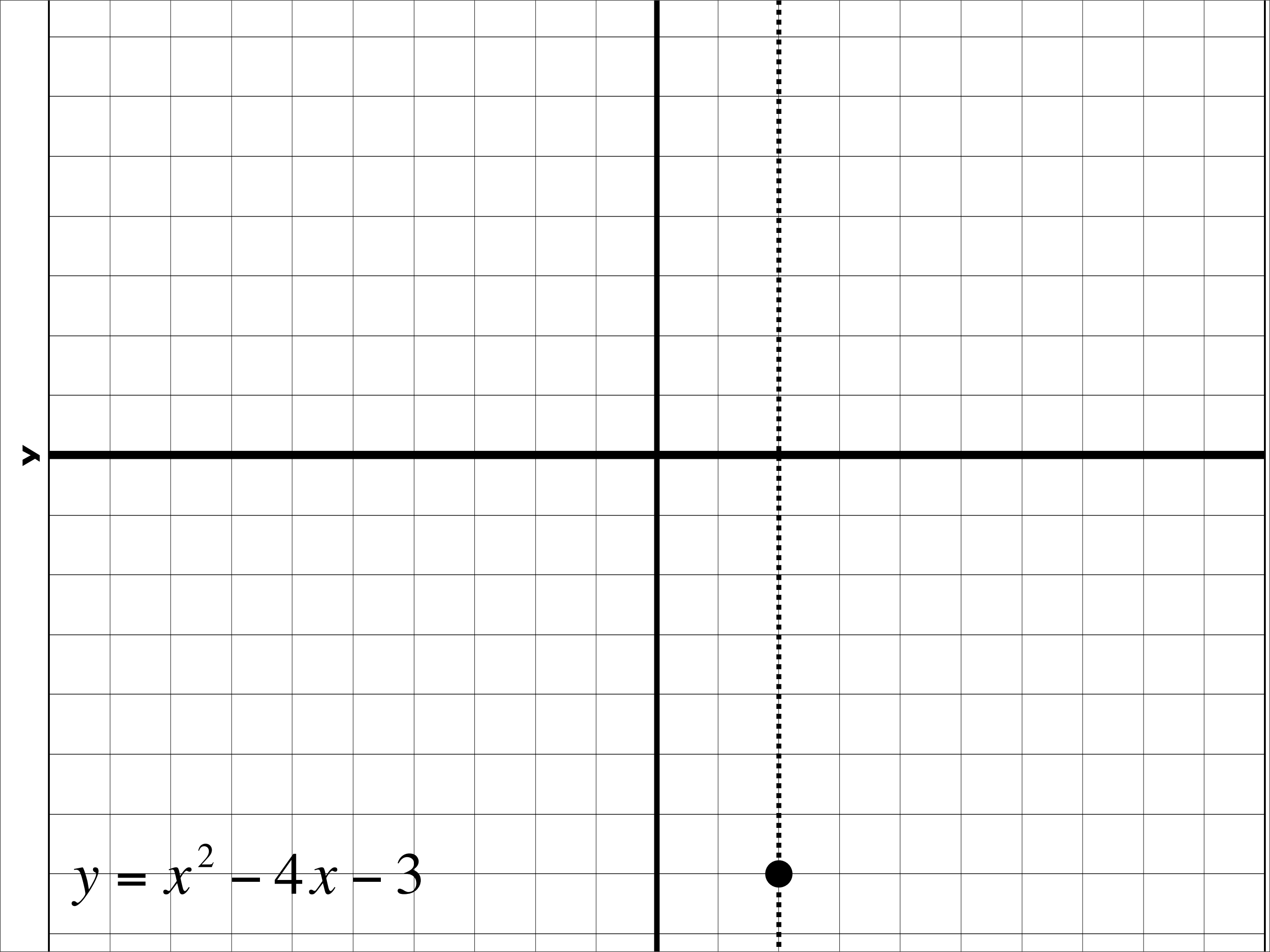
y

$$y = x^2 - 4x - 3$$

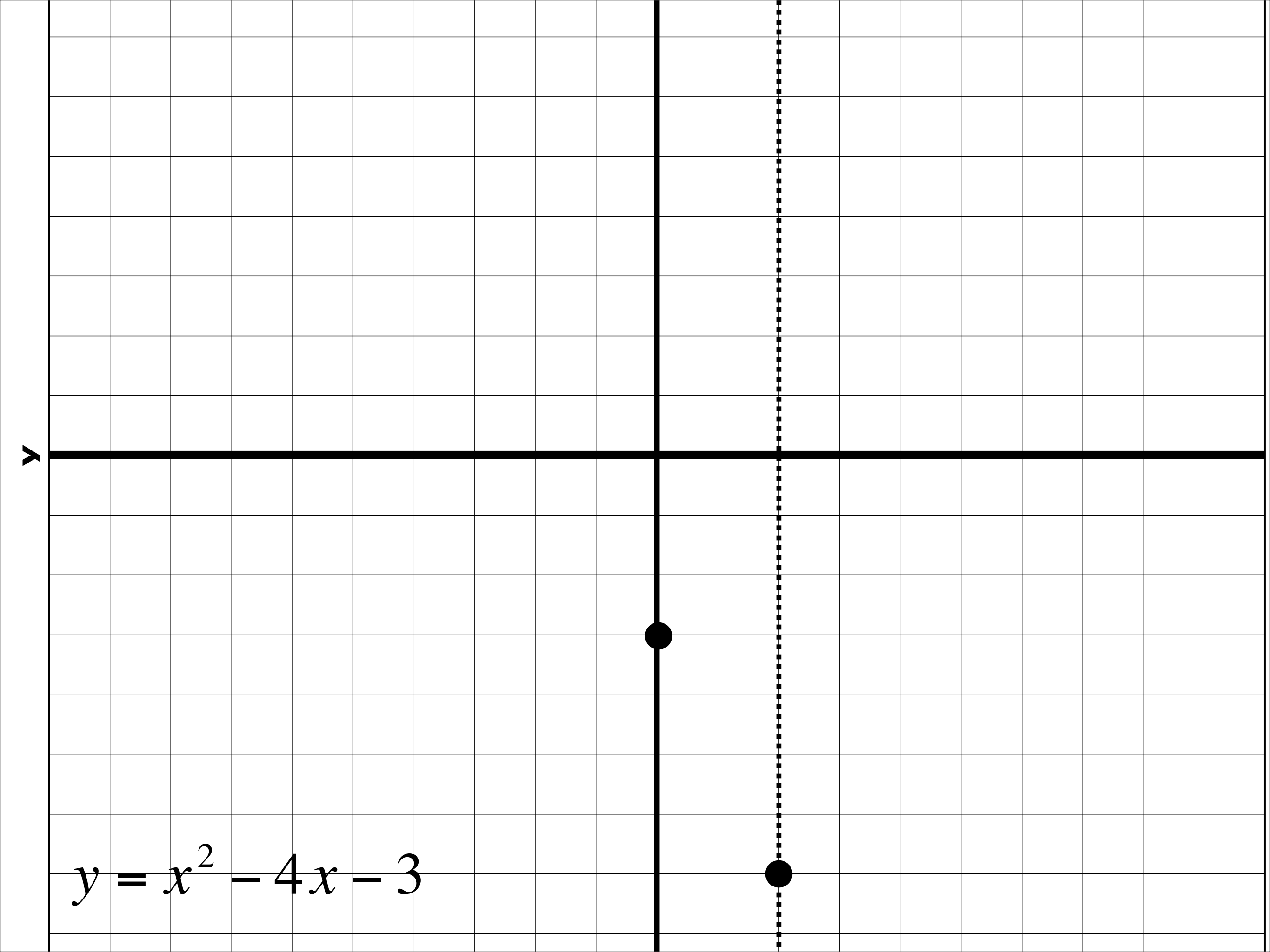


$$y = x^2 - 4x - 3$$



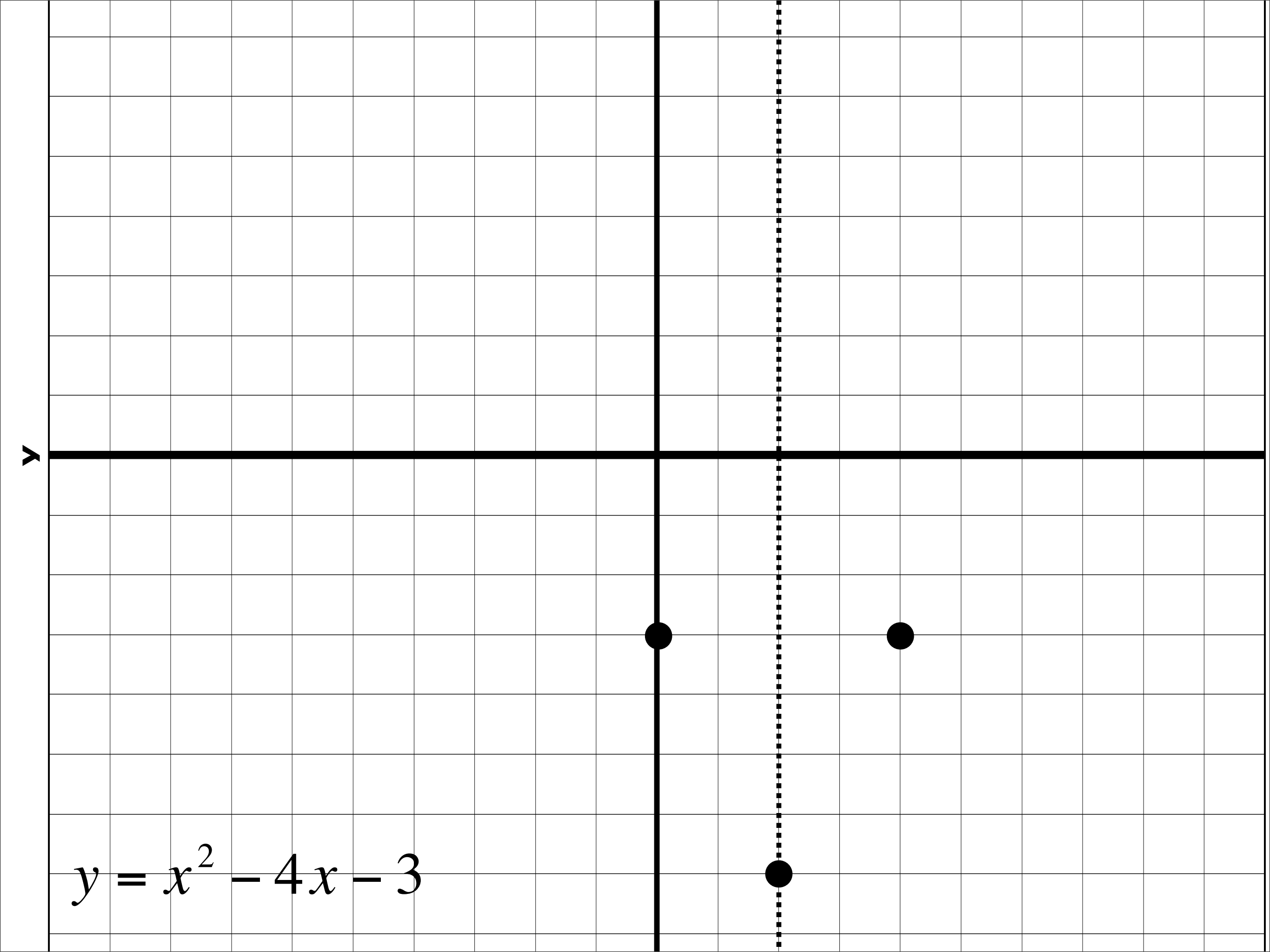


$$y = x^2 - 4x - 3$$



y

$$y = x^2 - 4x - 3$$

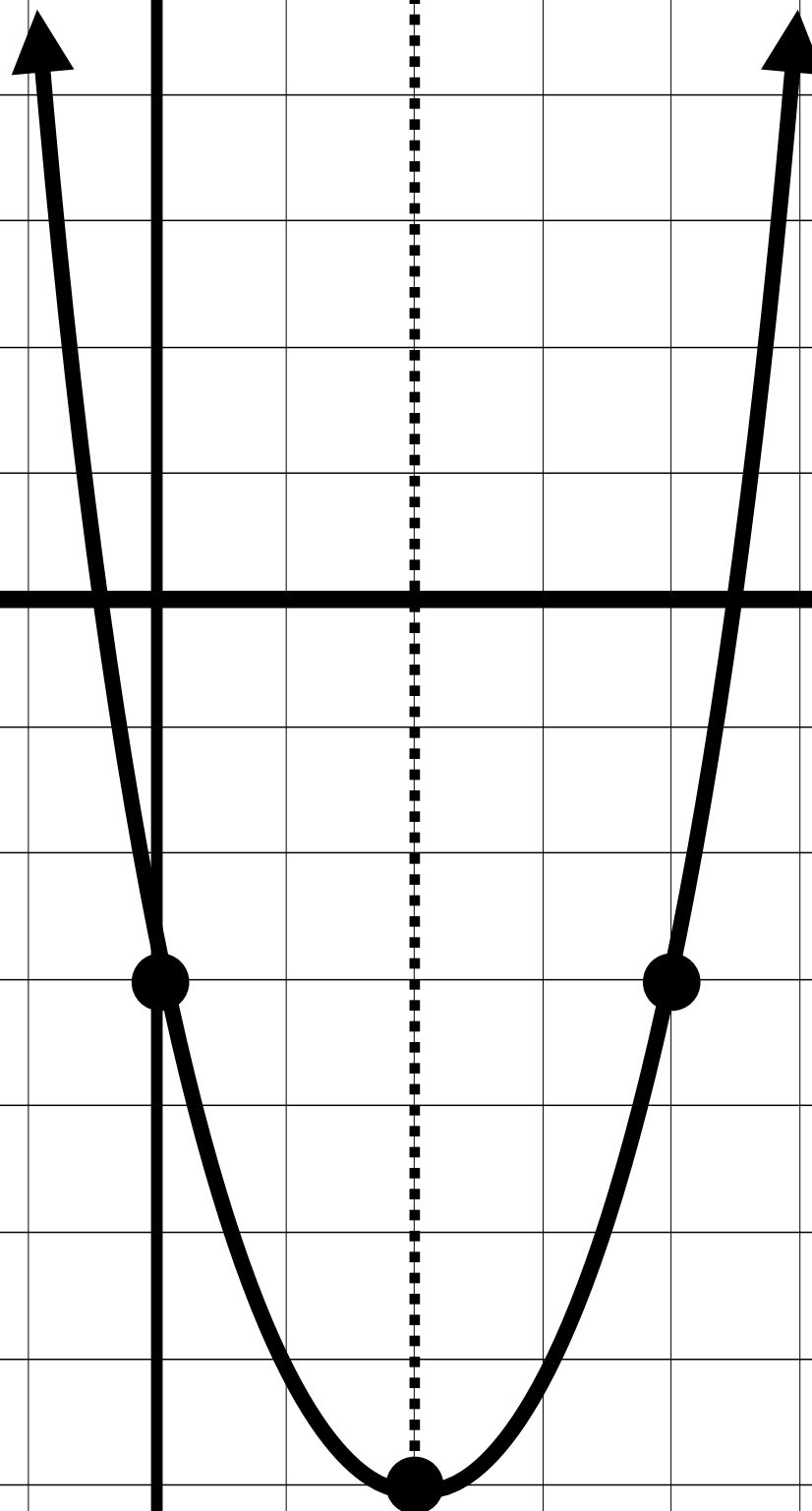


y

$$y = x^2 - 4x - 3$$

y

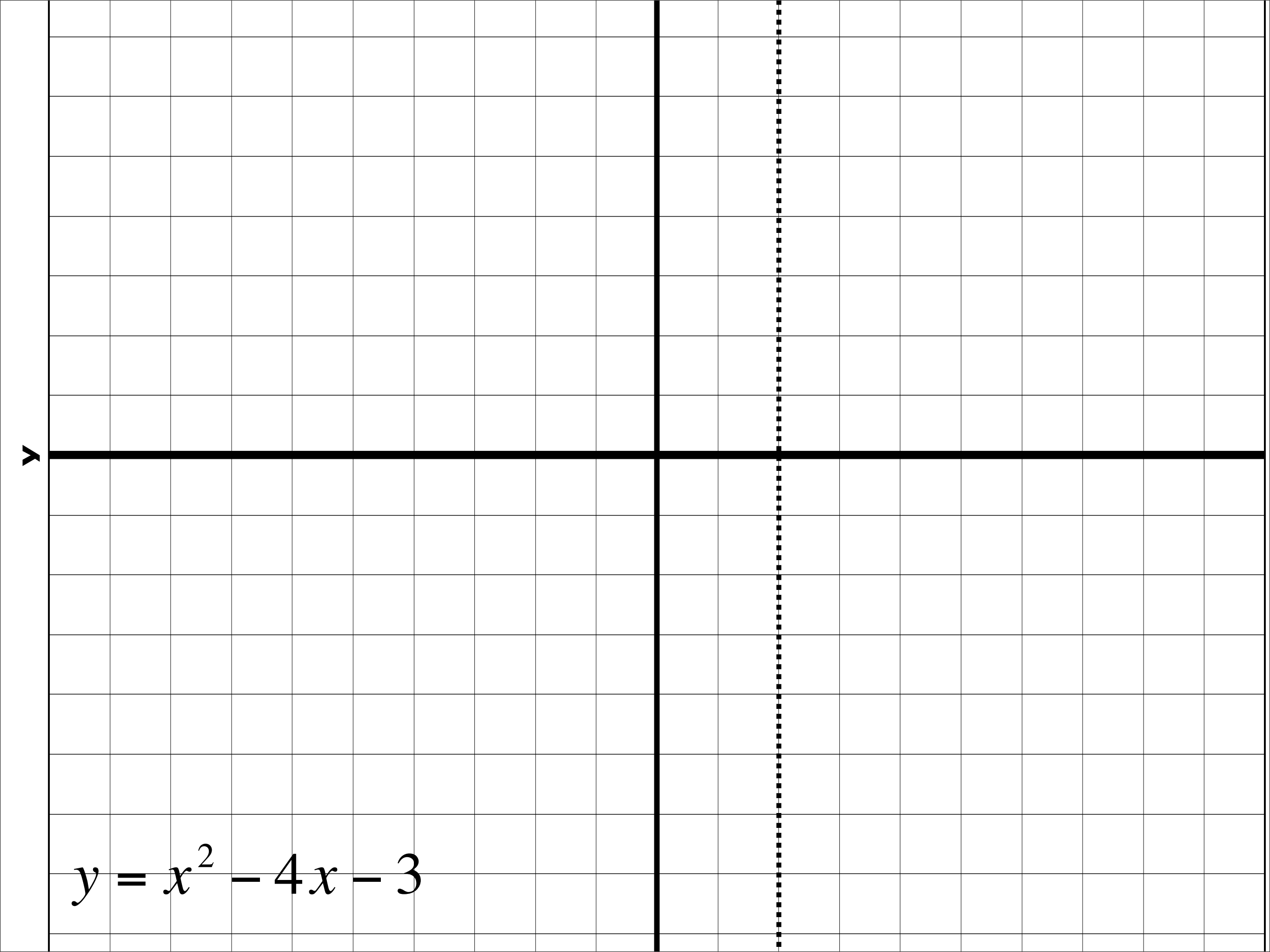
$$y = x^2 - 4x - 3$$



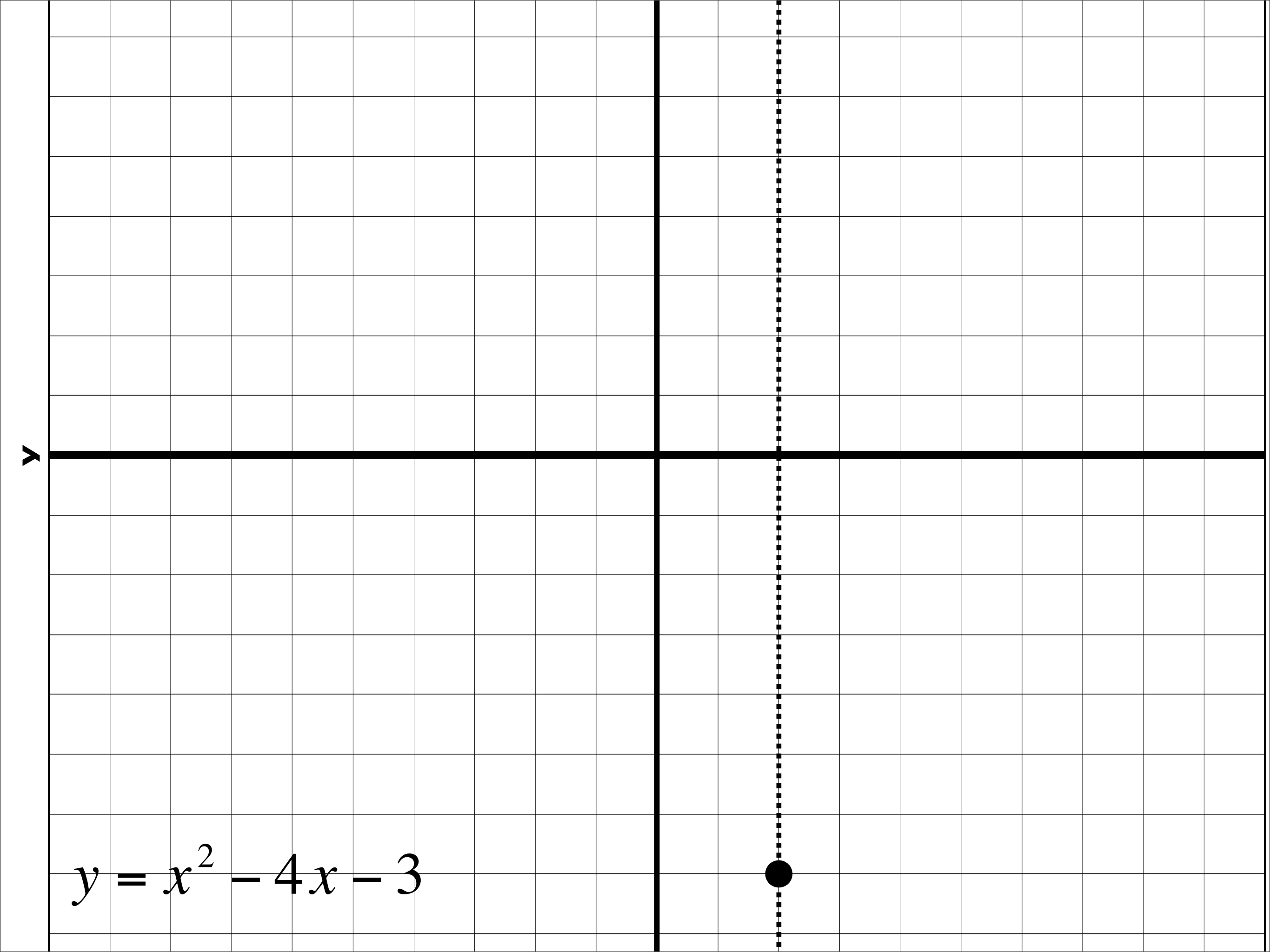


y

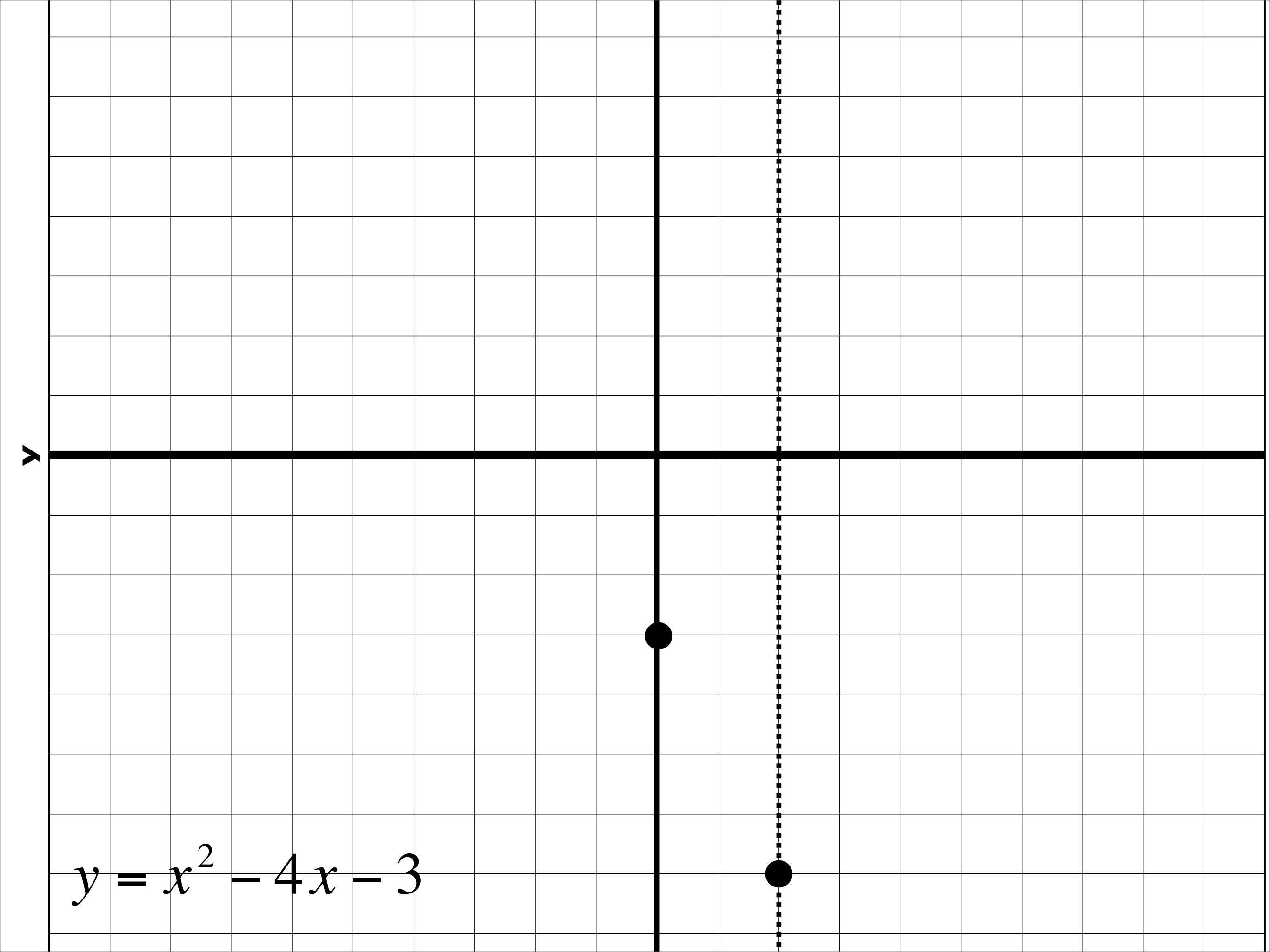
$$y = x^2 - 4x - 3$$



$$y = x^2 - 4x - 3$$

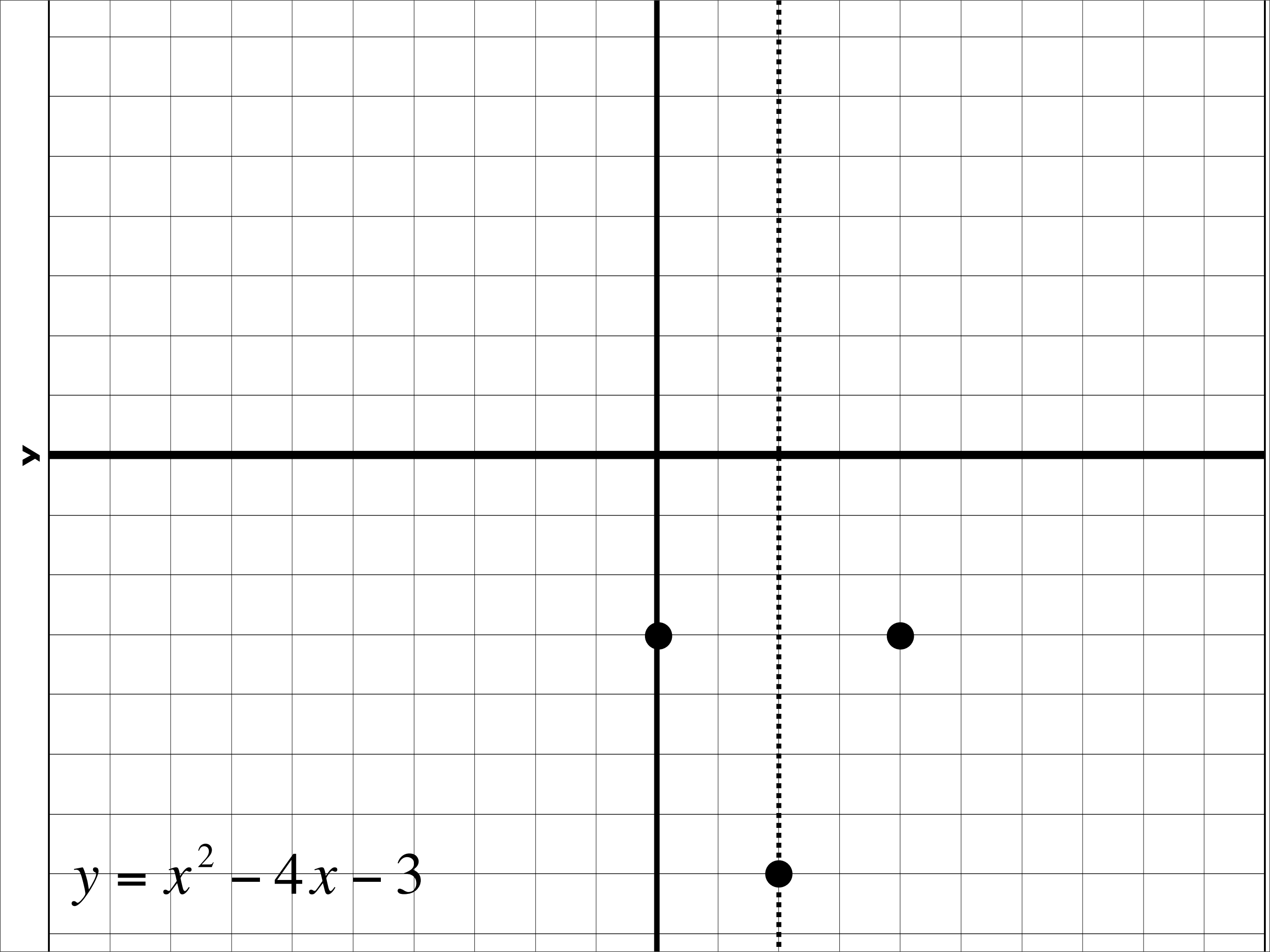


$$y = x^2 - 4x - 3$$



y

$$y = x^2 - 4x - 3$$



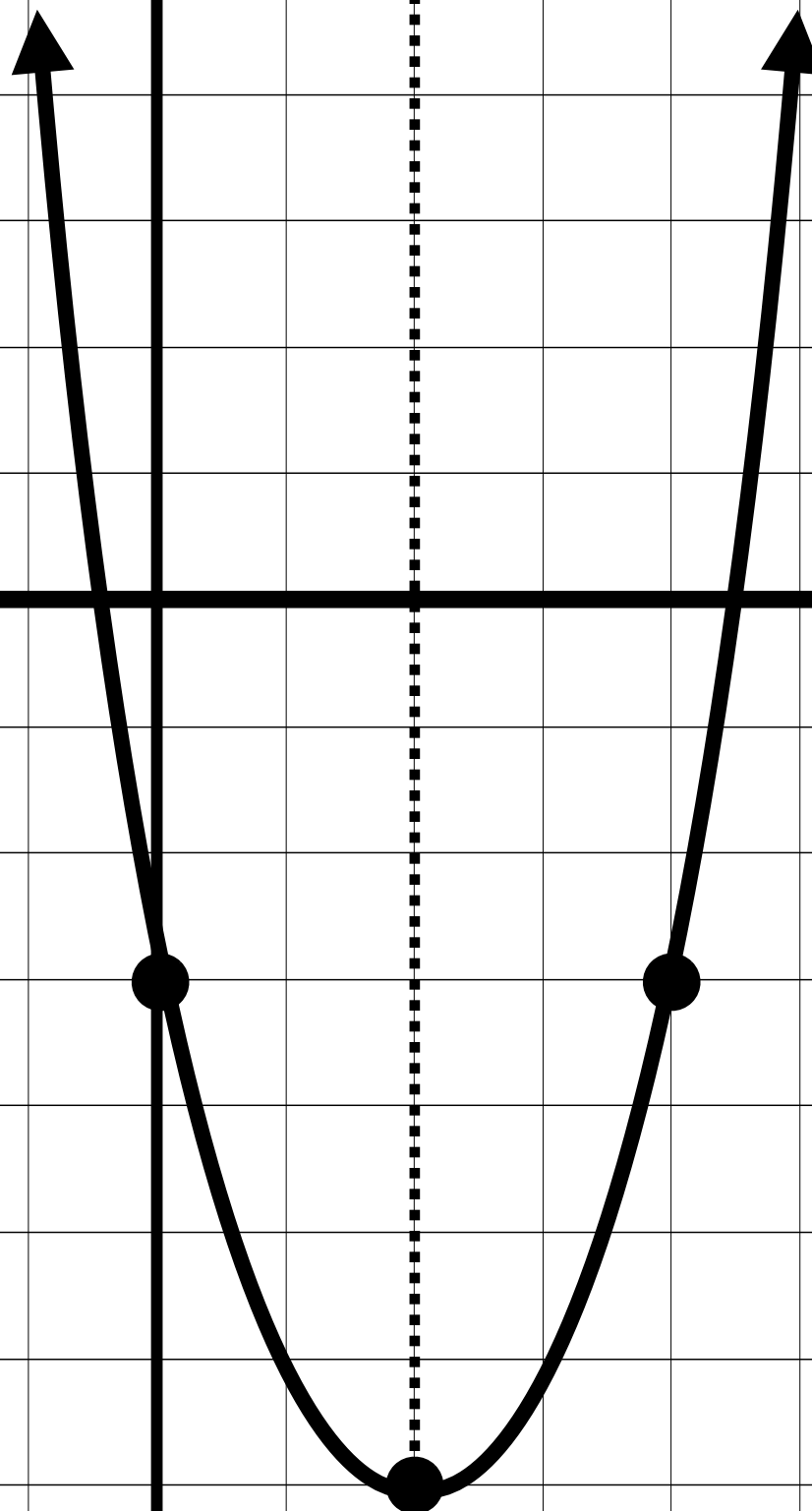
y

$$y = x^2 - 4x - 3$$



y

$$y = x^2 - 4x - 3$$



## **5. Classwork**

pg. 436 // #1 - 14

## 5. Homework

### Practice

$$9x^4 - 1$$

### Challenge

# Day 68

## 1. Opener

a) Fill in the blank for this parabola:  $y = -x^2 + \square x - 22$

b) Graph:  $y = x^2 - 6x + 4$

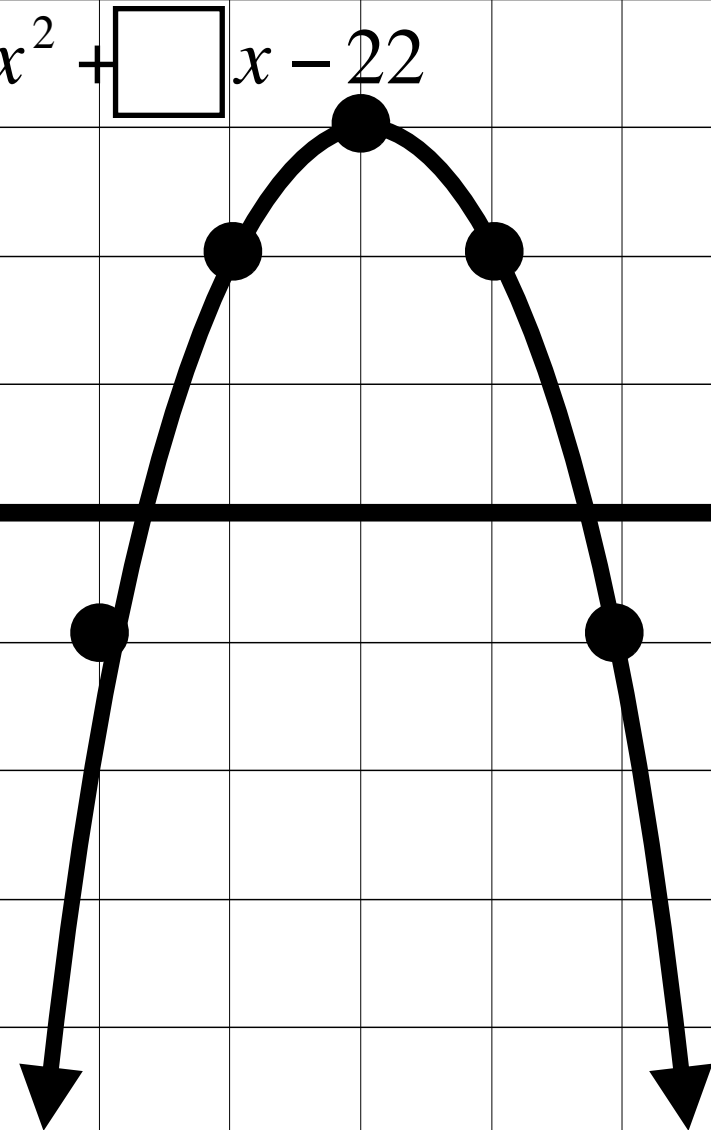
c) For what values of  $c$  will  $y = x^2 + c$  cross the x-axis twice? One time? Zero times?

d) What can you tell me about these two YouTube videos?

Rate: ★★★★★

Rate: ★★★★★

e) What animal outnumbered people in Alaska?



# Day 68

## 1. Opener

a) Fill in the blank for this parabola:  $y = -x^2 + \square x - 22$

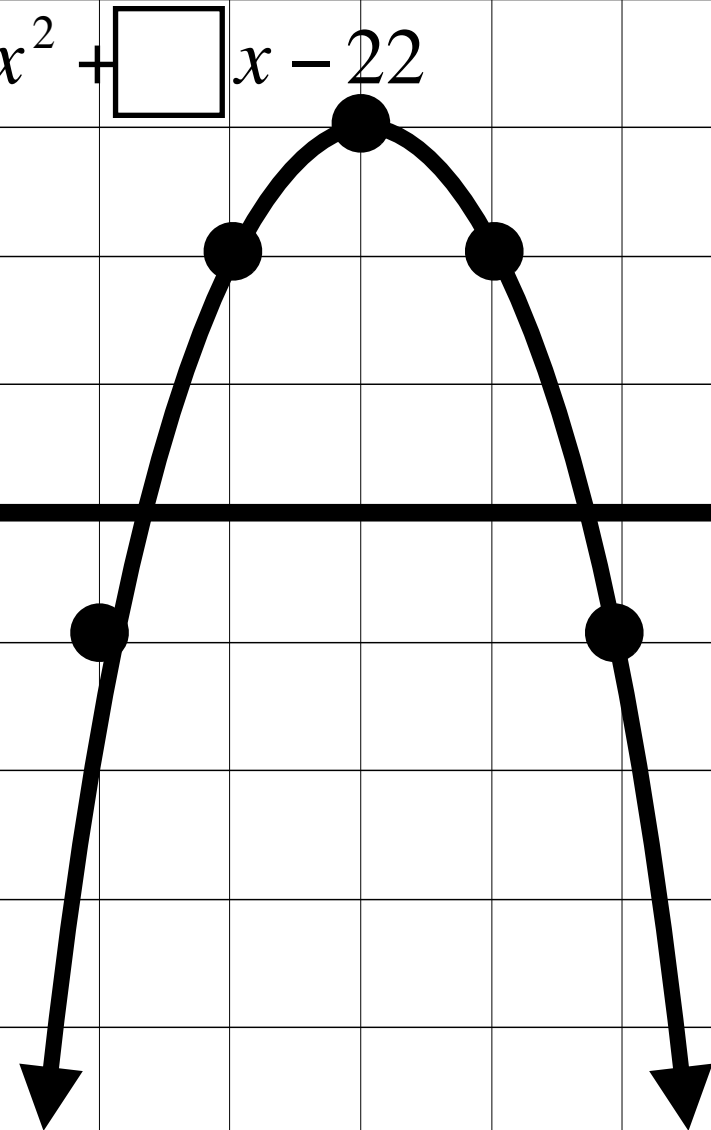
b) Graph:  $y = x^2 - 6x + 4$

c) For what values of  $c$  will  $y = x^2 + c$  cross the x-axis twice? One time? Zero times?

d) What can you tell me about these two YouTube videos?

Rate: ★★★★★ 2,206 ratings

Rate: ★★★★★ 6 ratings



e) What animal outnumbered people in Alaska?



y

$$y = x^2 - 6x + 4$$

y

$$y = x^2 - 6x + 4$$



y

$$y = x^2 - 6x + 4$$



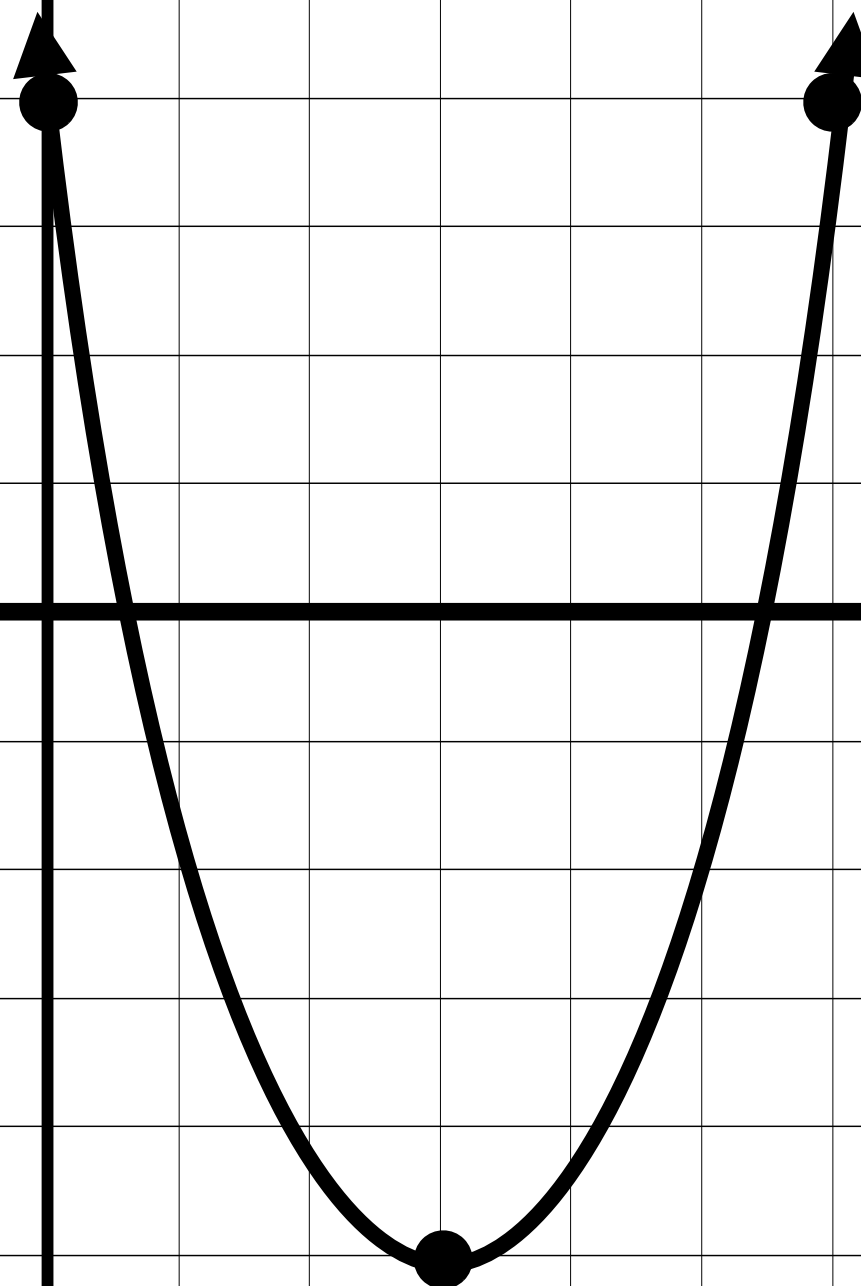
y

$$y = x^2 - 6x + 4$$

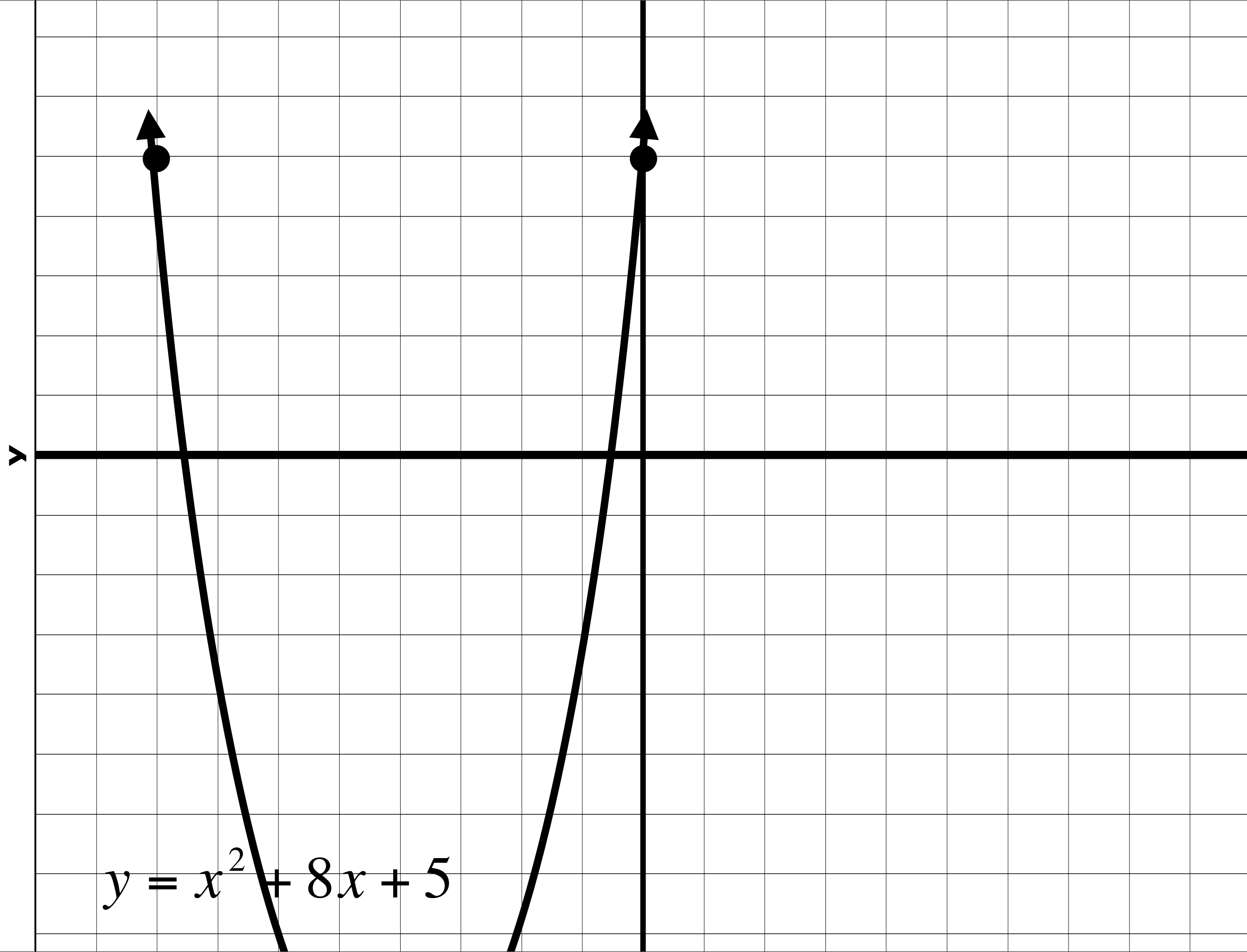


y

$$y = x^2 - 6x + 4$$







y

$$y = -2x^2 + 8x + 1$$



# Friday 3/6/9:

[illegible]



## **2. Let's Talk About Pain**

## **2. Let's Talk About Pain**

A. Things that are easy to measure:



## **2. Let's Talk About Pain**

A. Things that are easy to measure:

Temperature

## **2. Let's Talk About Pain**

A. Things that are easy to measure:

Temperature

Money

## **2. Let's Talk About Pain**

A. Things that are easy to measure:

Temperature

Money

Distance

## **2. Let's Talk About Pain**

A. Things that are easy to measure:

Temperature

Money

Distance

B. Things are difficult to measure:

## **2. Let's Talk About Pain**

A. Things that are easy to measure:

Temperature

Money

Distance

B. Things are difficult to measure:

Strength of a hurricane

## **2. Let's Talk About Pain**

A. Things that are easy to measure:

Temperature

Money

Distance

B. Things are difficult to measure:

Strength of a hurricane

Intensity of a whitewater rapid



## **2. Let's Talk About Pain**

A. Things that are easy to measure:

Temperature

Money

Distance

B. Things are difficult to measure:

Strength of a hurricane

Intensity of a whitewater rapid

Happiness

## **2. Let's Talk About Pain**

A. Things that are easy to measure:

Temperature

Money

Distance

B. Things are difficult to measure:

Strength of a hurricane

Intensity of a whitewater rapid

Happiness

Pain

## **2. Let's Talk About Pain**

A. Things that are easy to measure:

Temperature

Money

Distance

B. Things are difficult to measure:

Strength of a hurricane

Intensity of a whitewater rapid

Happiness

Pain

Spiciness

## **2. Let's Talk About Pain**

A. Things that are easy to measure:

Temperature

Money

Distance

B. Things are difficult to measure:

Strength of a hurricane

Intensity of a whitewater rapid

Happiness

Pain

Spiciness

Intensity of a sting

## 2. Let's Talk About Pain

Spiciness of Peppers

Scoville Scale	Type of Pepper
0	Bell Pepper
100 - 500	Pimento
2,500 - 5,000	Tabasco Sauce
2,500 - 8,000	Jalapeño Pepper
100,000 - 350,000	Habanero Chile
2,000,000 - 5,300,000	Pepper Spray
15,000,000 - 16,000,000	Pure Capsaicin



## **2. Let's Talk About Pain**

Intensity of an Insect Sting



## 2. Let's Talk About Pain

Intensity of an Insect Sting


## 2. Let's Talk About Pain

Intensity of an Insect Sting

Schmidt	Insect	Description

# 2. Let's Talk About Pain

Intensity of an Insect Sting

Schmidt	Insect	Description
I	Sweat Bee	Light, ephemeral, almost fruity. A tiny spark has singed a single hair on your arm.

## 2. Let's Talk About Pain

Intensity of an Insect Sting

Schmidt	Insect	Description
I	Sweat Bee	Light, ephemeral, almost fruity. A tiny spark has singed a single hair on your arm.
I	Fire Ant	Sharp, sudden, mildly alarming. Like walking across a shag carpet and reaching for the light switch.

## 2. Let's Talk About Pain

Intensity of an Insect Sting

Schmidt	Insect	Description
I	Sweat Bee	Light, ephemeral, almost fruity. A tiny spark has singed a single hair on your arm.
I	Fire Ant	Sharp, sudden, mildly alarming. Like walking across a shag carpet and reaching for the light switch.
2	Bald-Faced Hornet	Rich, hearty, slightly crunchy. Similar to getting your hand mashed in a revolving door.

## **2. Let's Talk About Pain**

Intensity of an Insect Sting

## 2. Let's Talk About Pain

Intensity of an Insect Sting




## 2. Let's Talk About Pain

Intensity of an Insect Sting

Schmidt	Insect	Description

## 2. Let's Talk About Pain

Intensity of an Insect Sting

Schmidt	Insect	Description
3	Red Harvester Ant	Bold and unrelenting. Somebody is using a drill to excavate your ingrown toenail.

## 2. Let's Talk About Pain

Intensity of an Insect Sting

Schmidt	Insect	Description
3	Red Harvester Ant	Bold and unrelenting. Somebody is using a drill to excavate your ingrown toenail.
3	Paper Wasp	Caustic & burning. Distinctly bitter aftertaste. Like spilling a beaker of hydrochloric acid on a papercut.

## 2. Let's Talk About Pain

Intensity of an Insect Sting

Schmidt	Insect	Description
3	Red Harvester Ant	Bold and unrelenting. Somebody is using a drill to excavate your ingrown toenail.
3	Paper Wasp	Caustic & burning. Distinctly bitter aftertaste. Like spilling a beaker of hydrochloric acid on a papercut.
4	Pepsis Wasp	Blinding, fierce, shockingly electric. A running hair drier has dropped into your bubble bath. (If you get stung by one you might as well lie down and scream.)

## 2. Let's Talk About Pain

Intensity of an Insect Sting

Schmidt	Insect	Description
3	Red Harvester Ant	Bold and unrelenting. Somebody is using a drill to excavate your ingrown toenail.
3	Paper Wasp	Caustic & burning. Distinctly bitter aftertaste. Like spilling a beaker of hydrochloric acid on a papercut.
4	Pepsis Wasp	Blinding, fierce, shockingly electric. A running hair drier has dropped into your bubble bath. (If you get stung by one you might as well lie down and scream.)
4+	Bullet Ant	



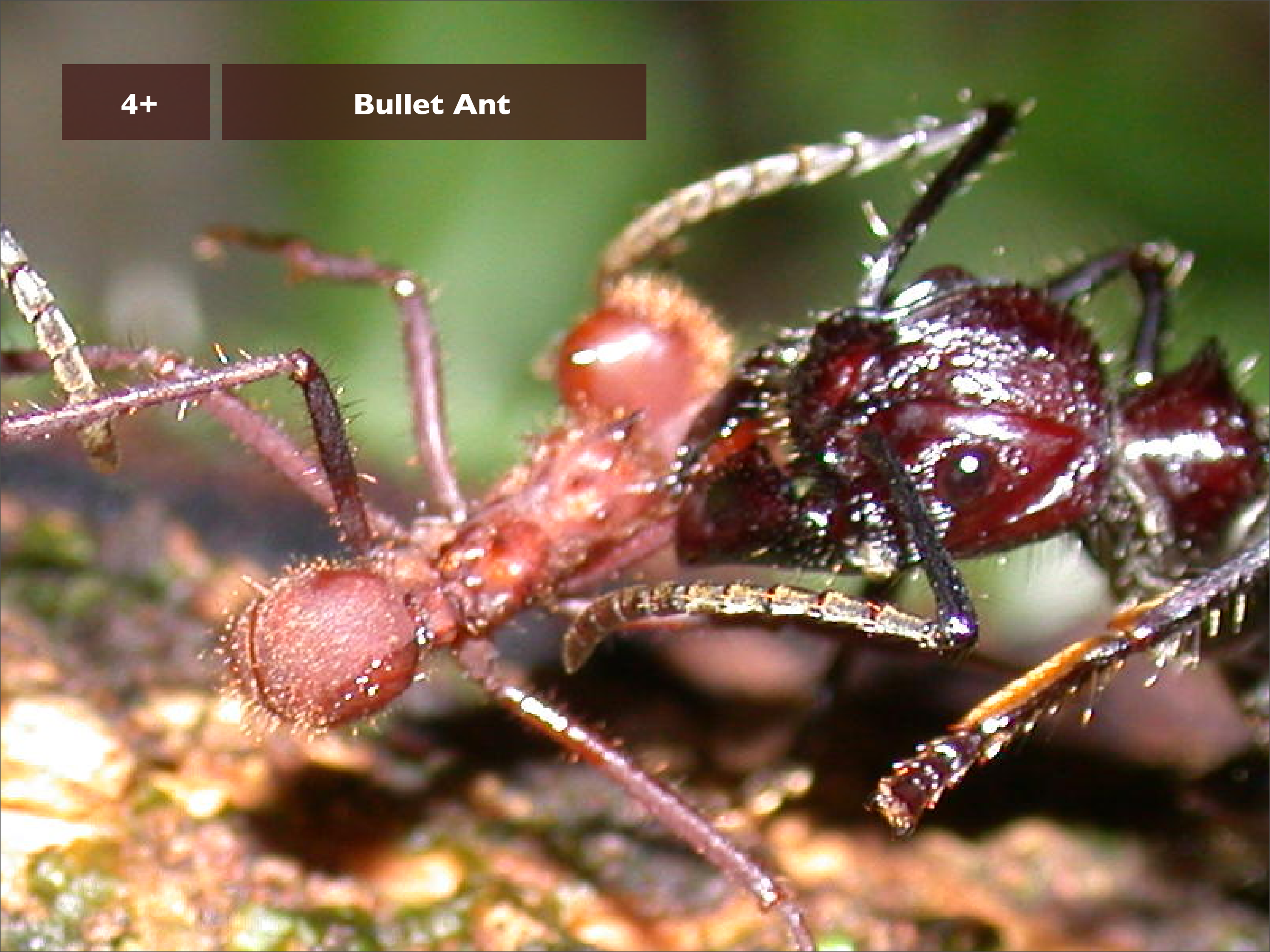






4+

**Bullet Ant**



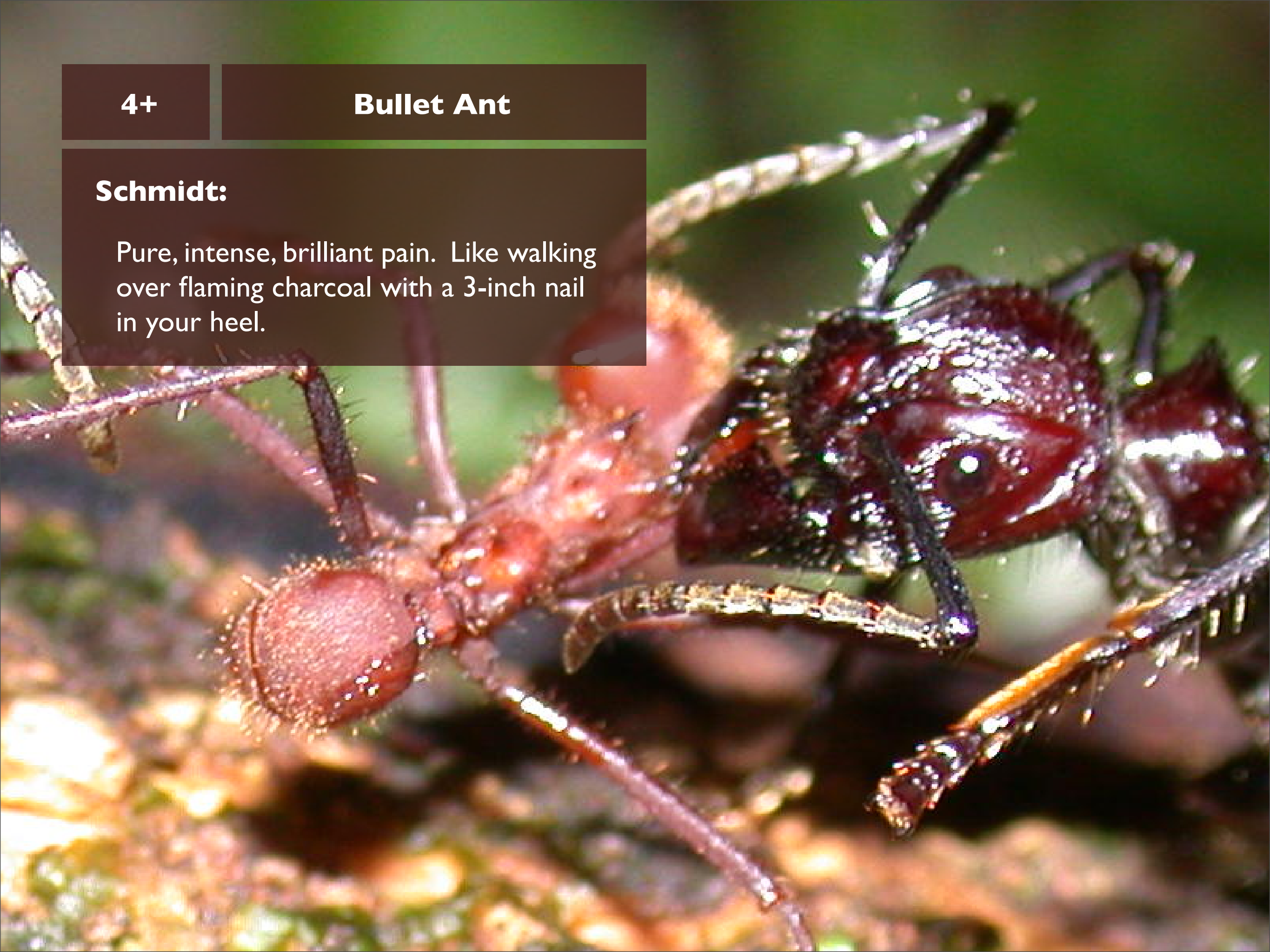


4+

## Bullet Ant

### Schmidt:

Pure, intense, brilliant pain. Like walking over flaming charcoal with a 3-inch nail in your heel.



4+

## Bullet Ant

### Wikipedia:

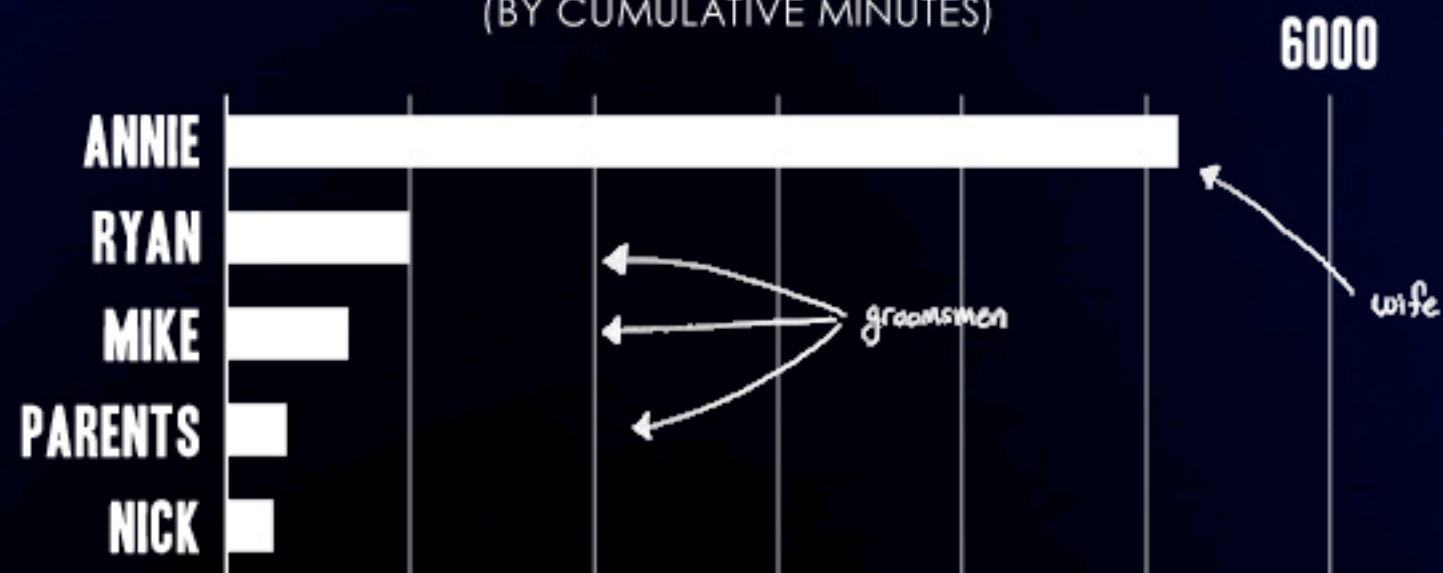
Bullet ants are used by some indigenous people in their initiation rites to manhood. The ants are knocked out and then hundreds are woven into sleeves made out of leaves, stingers facing inwards. When the ants come to, boys slip the sleeve down onto their arm. The goal of this initiation rite is to keep the sleeve on for a full ten minutes without showing any signs of pain. When finished, the boys' arms are temporarily paralyzed because of the venom, and they may shake uncontrollably for days. They must endure this ritual up to twenty times before they can be considered men.



## **2. The Feltron Project**

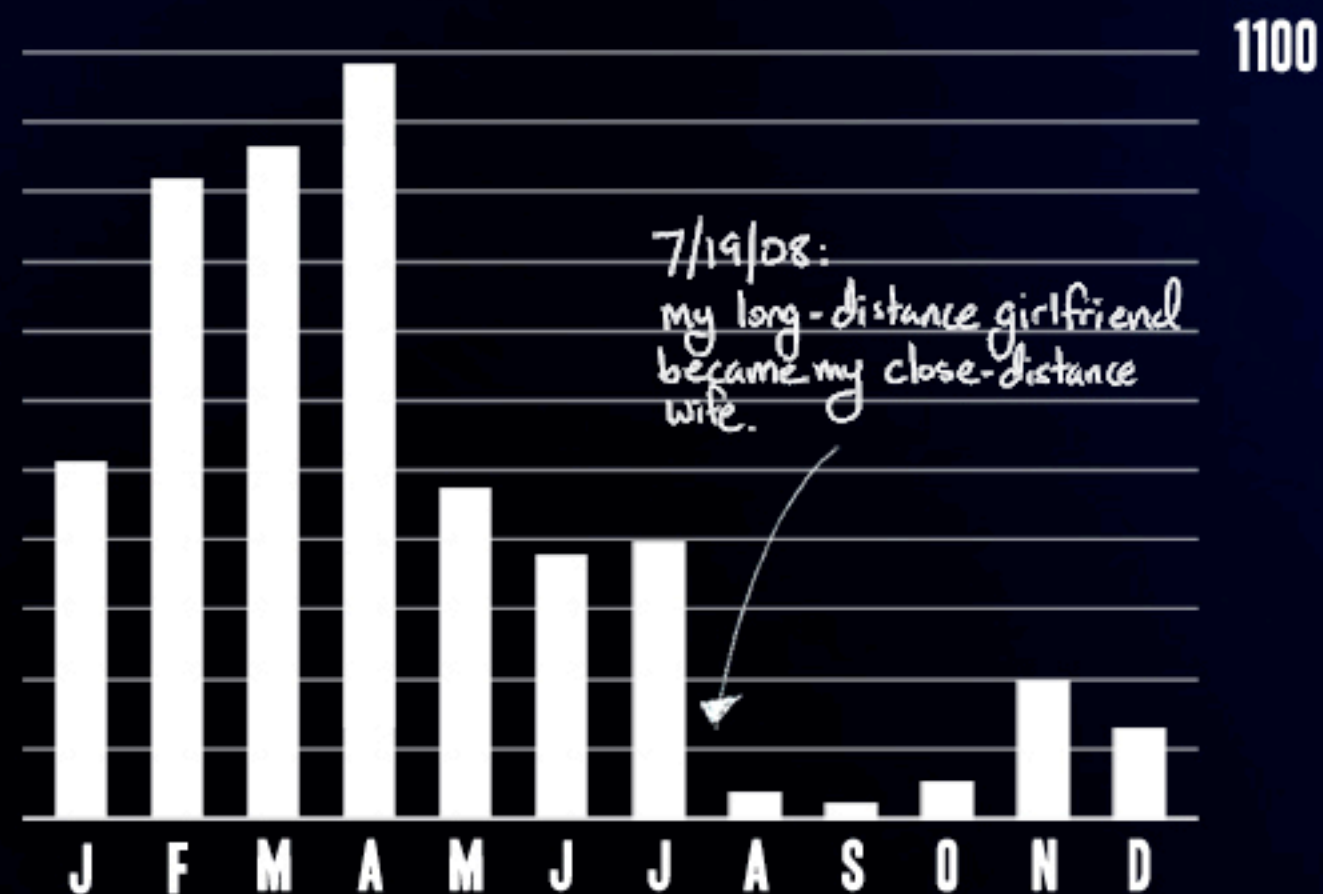
# MOBILE CALLS

MOST CALLED  
(BY CUMULATIVE MINUTES)



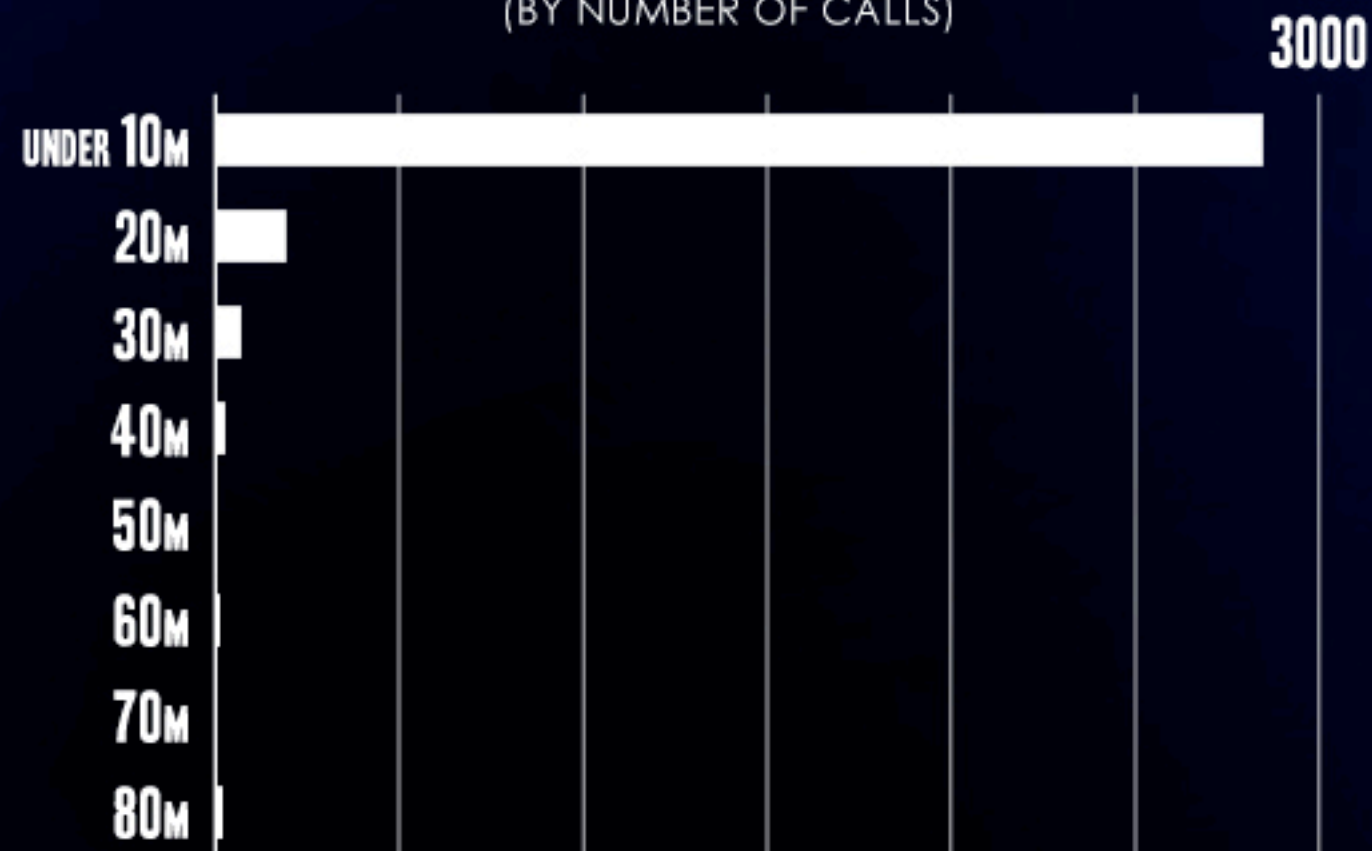
# MOBILE CALLS

ANNIE  
(MINUTES BY MONTH)



# MOBILE CALLS

MOST COMMON CALL LENGTH  
(BY NUMBER OF CALLS)

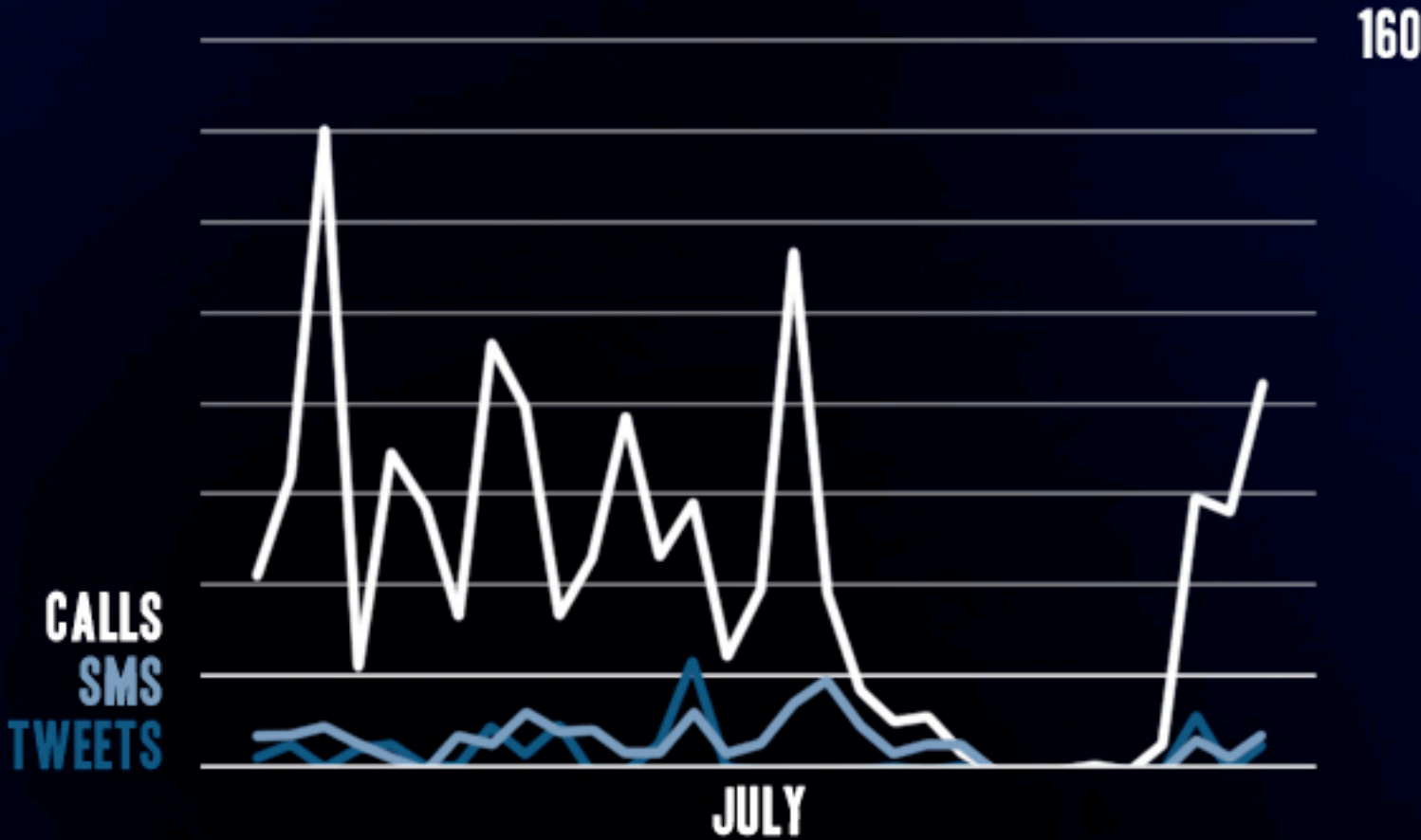




# HONEYMOON

# COMMUNICATION

## (DURING JULY)



# MOVIES

MOVIES WATCHED  
(BY DECADE)



**54** MOVIES  
WATCHED

**69** MEDIAN  
METACRITIC  
SCORE



# MOVIES

MOVIES WATCHED  
(BY NUMBER OF COMPANIONS)



*sometimes the best way to ruin a good movie  
is to take a friend.*

# COFFEE SHOPS

FAVORITE COFFEE SHOP DRINK  
(BY DRINK COUNT)

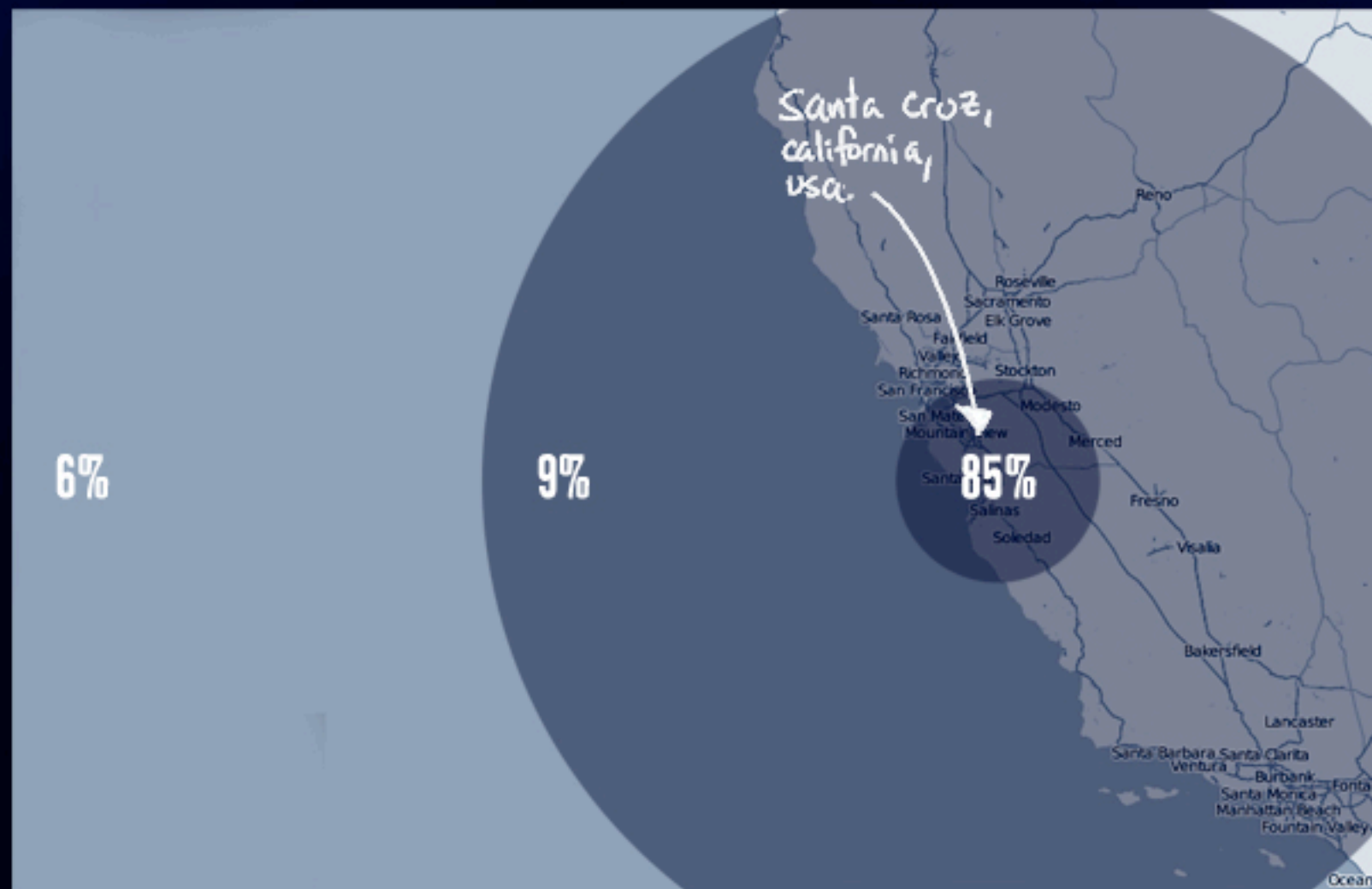


# TEA

FAVORITE TEA  
(BY DRINK COUNT)



# LOCATION





Dominique's

Feltron

Project \*

Mr Meyers class



III III III III III  
11 12  
Amy S

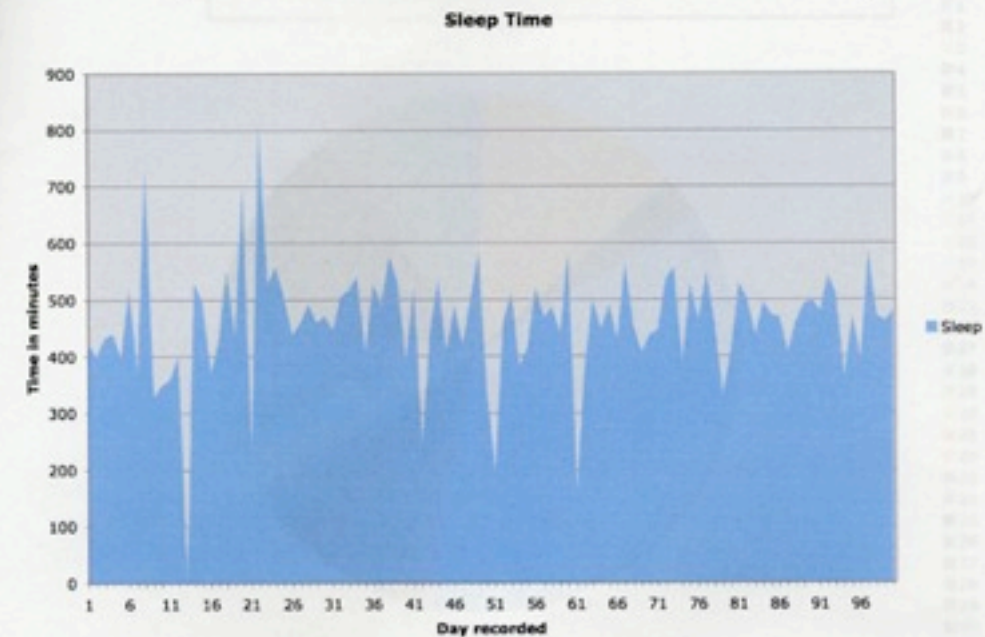
25 56  
11 30  
37 26

Felttron

Project



# Sleep Recorded



Maximum

808

Minimum

0

Average

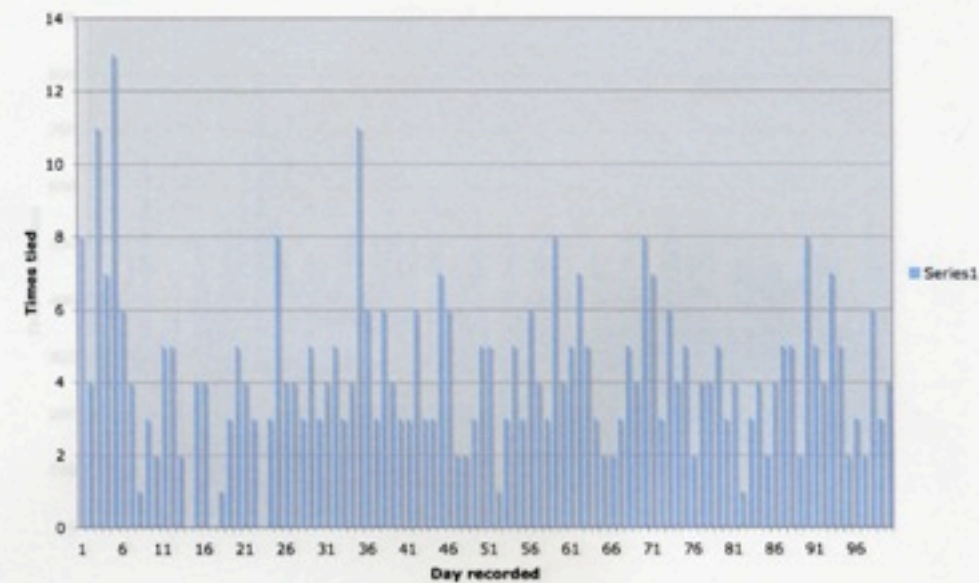
459.59

"Best" Purchase  
Snowboarding



# Times Shoes Tied

Times shoes tied



Maximum Tied

13

Minimum Tied

0

Average Tied

5.3

Most Frequent

3

# TEXT MESSAGES

Text Sent/Received by Boy Or Girl By Month

TOTAL TEXT

SENT

5906

TOTAL TEXT MESSAGES

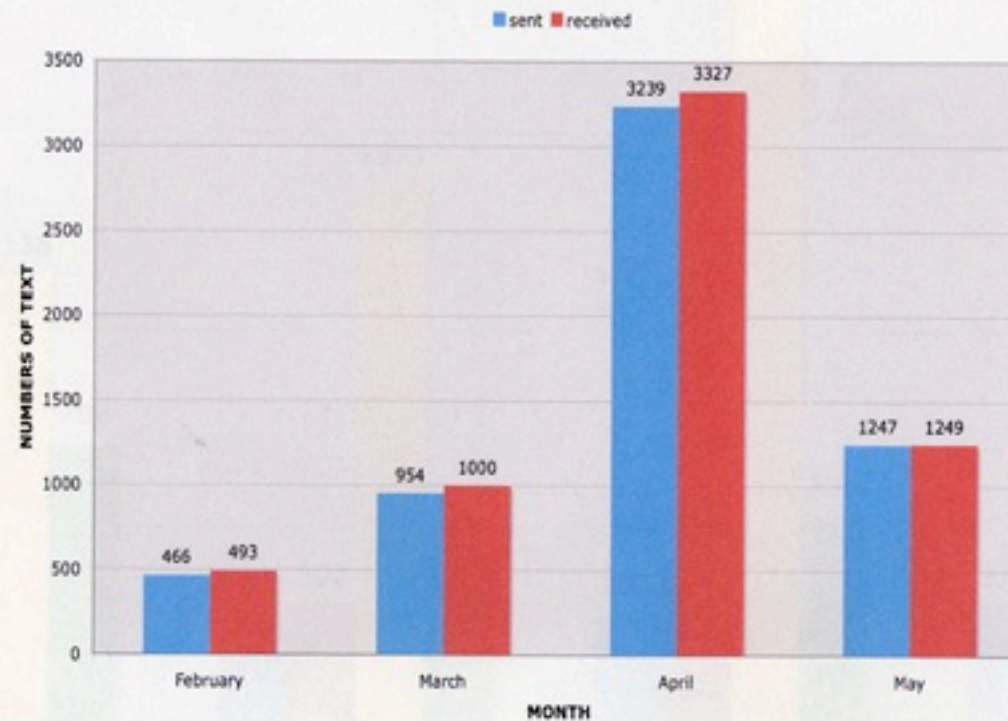
10,975

TOTAL TEXT

RECEIVED

6069

Text Sent vs. Text Received



AVERAGE TEXT

SENT

56.7884

AVERAGE TEXT

RECEIVED

58.3557



# SINGING

Days I Sang **IN MINUTES** Days Tracked

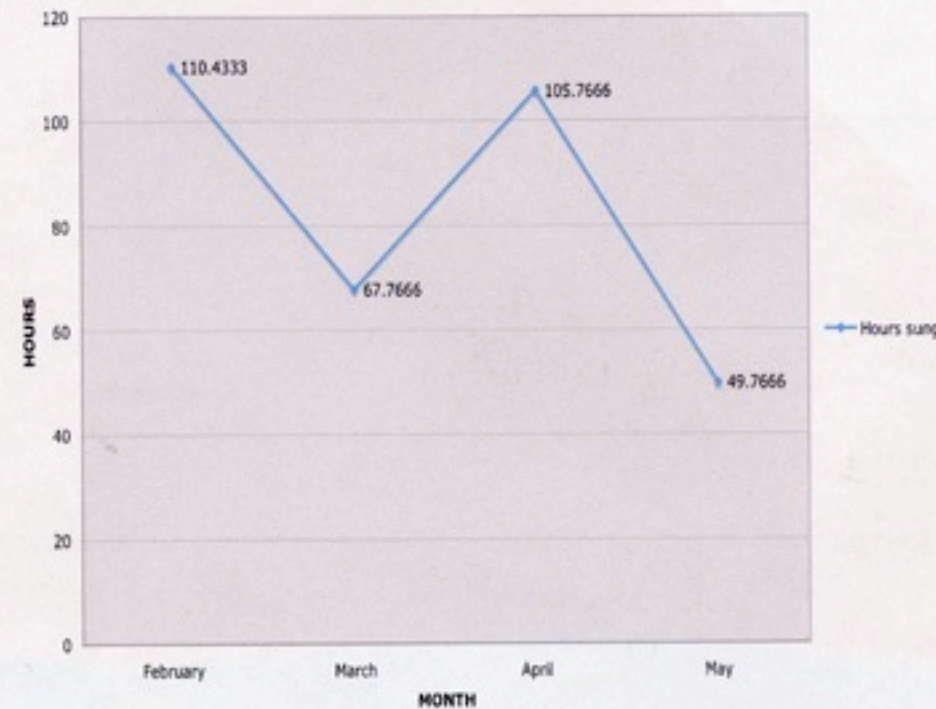
**TOTAL MINUTES SINGING**

**20,024**

**MAXIMUM  
SINGING IN ONE DAY**

**431**

Hours I Sang



**AVERAGE SINGING  
IN MINUTES**

**192.5384**

**SINGING CONVERTED  
TO HOURS**

**333.7333**

# TRIPS TO THE

Trips To The Bathroom Every Two Weeks

TOTAL BATHROOM

600

AVERAGE BATHROOM

5.7692



2 week  
4 week  
6 week  
8 week  
10 week  
12 week  
14 week  
16 week

MAXIMUM TRIPS

12

MINIMUM TRIPS

2



# MYSPLACE

IN MINUTES

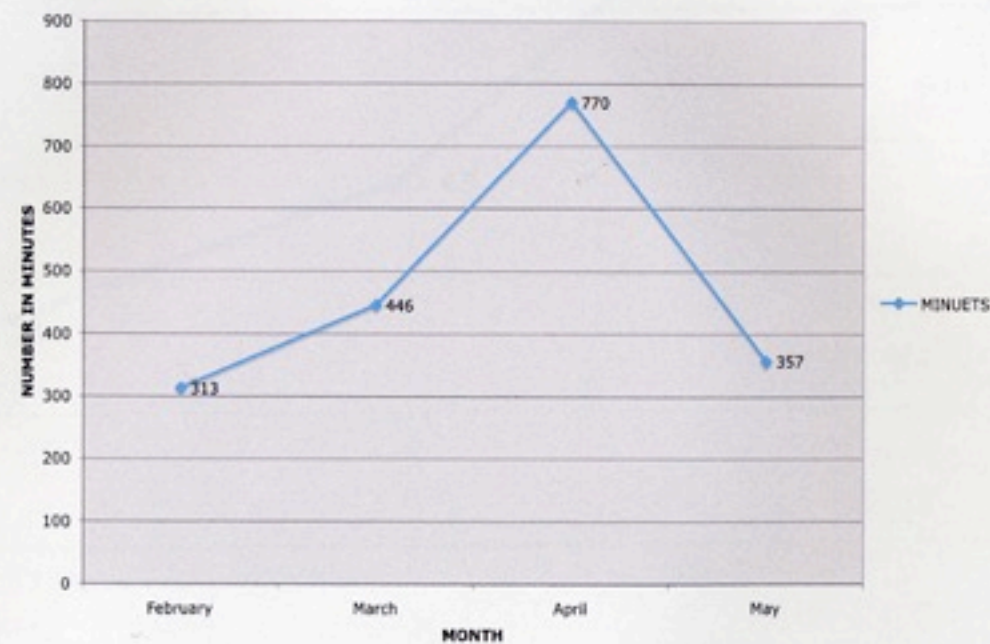
TOTAL MYSPLACE  
IN MINUTES

1886

AVERAGE MYSPLACE  
IN MINUTES

18.1346

MINUTES ON MYSPLACE



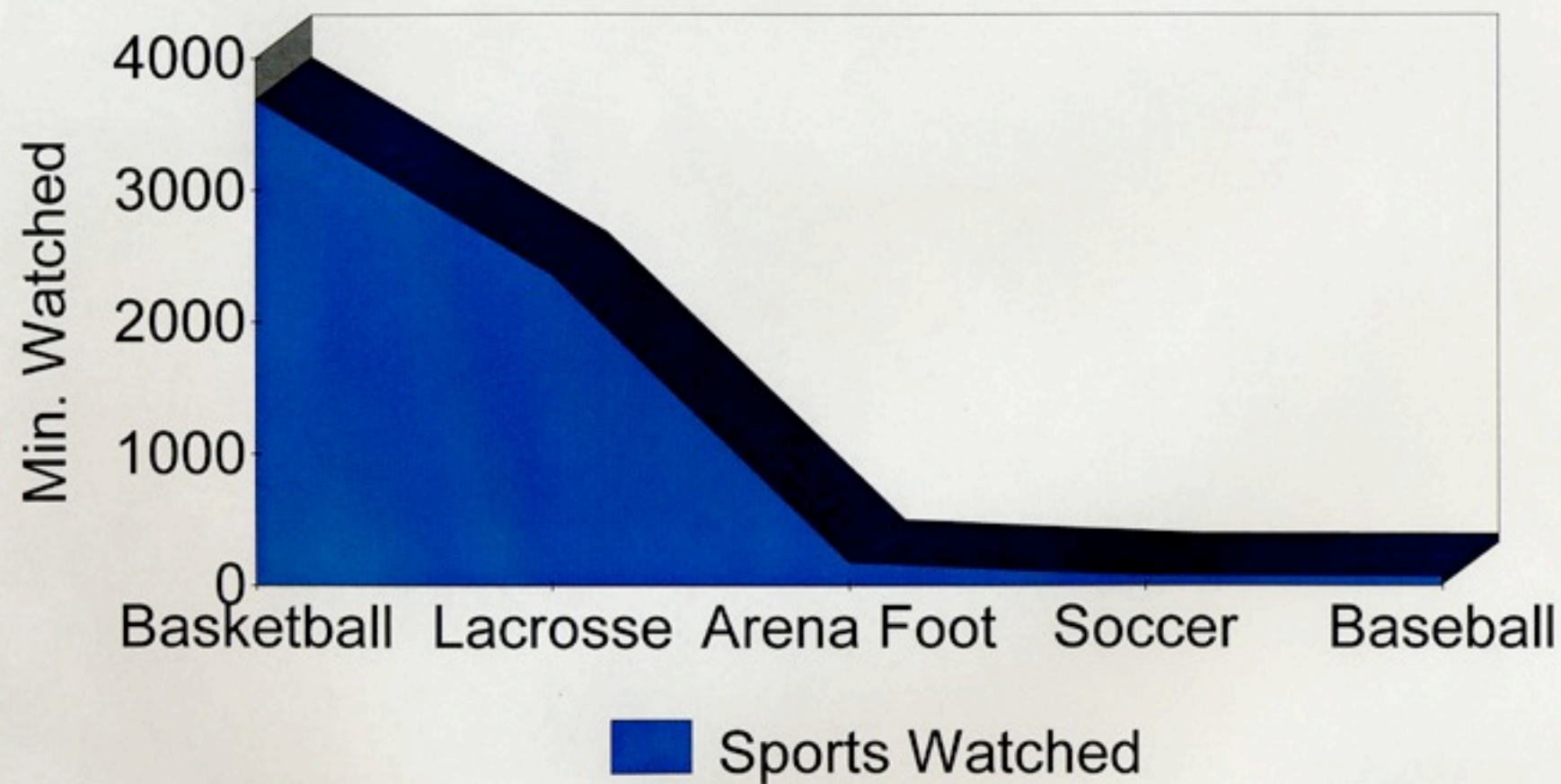
MYSPLACE CONVERTED  
TO HOURS

31.4333

THE MONTH OF APRIL  
IS DOUBLE FEBRUARY

+ MARCH

## Min. Of Sports Watched



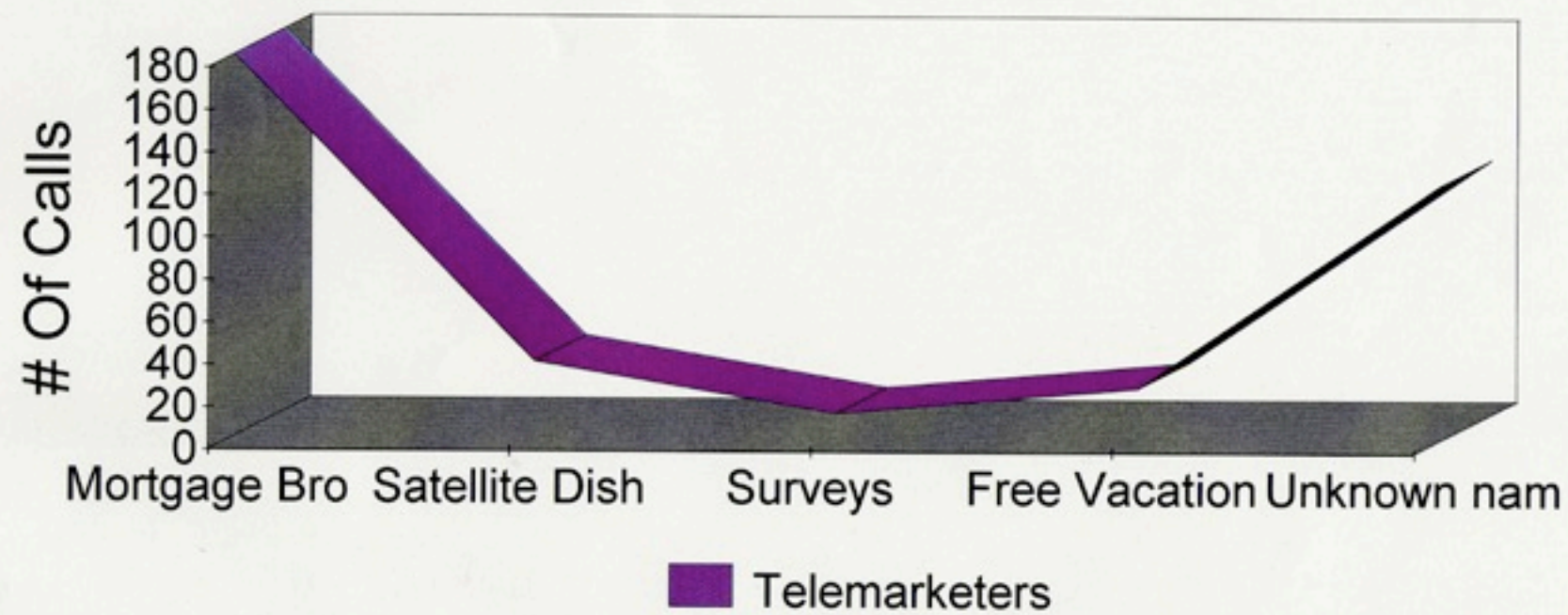
On average I watched 74.04 minutes a night.

Basketball is my favorite sport to watch and Baseball is my least favorite.

Surprisingly Lacrosse is not the most watch because it is my favorite sport.



## Telemarketing



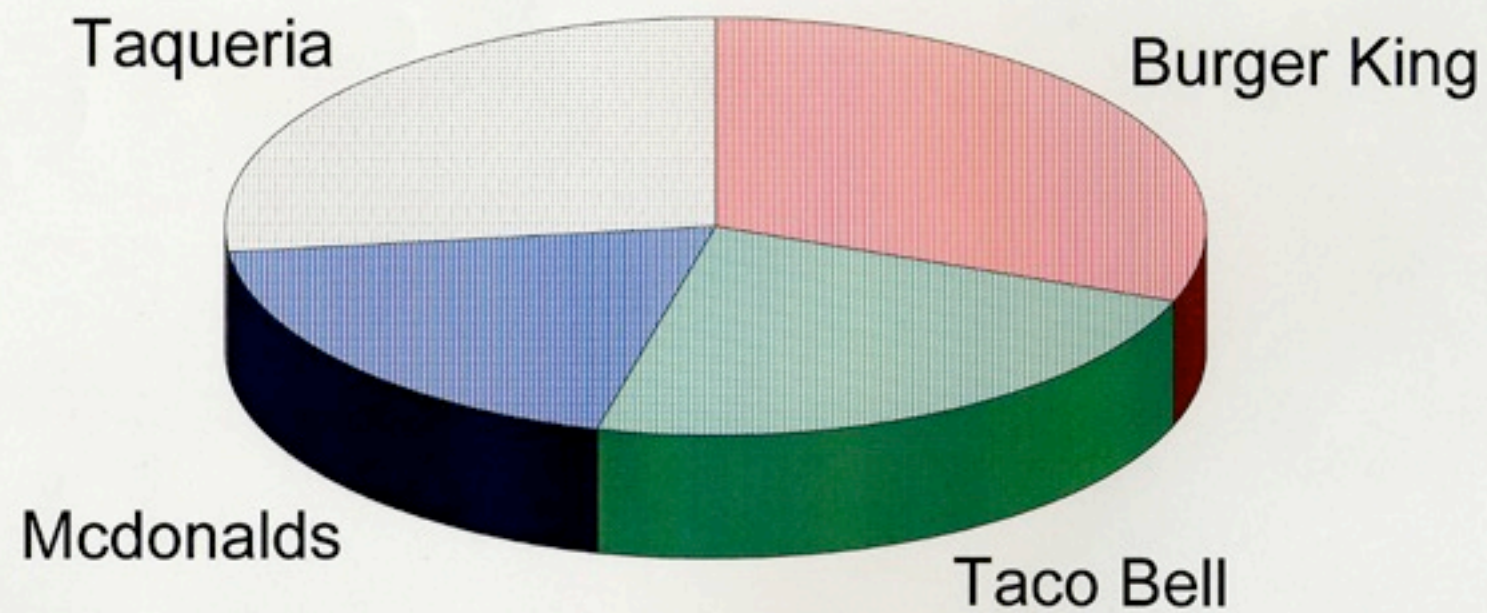
On average I get at least three telemarketer calls a day.

The highest number range was to 280 and the lowest range was only 12.

It is interesting to me how often we are offered free vacations.



## Fast Food Ate

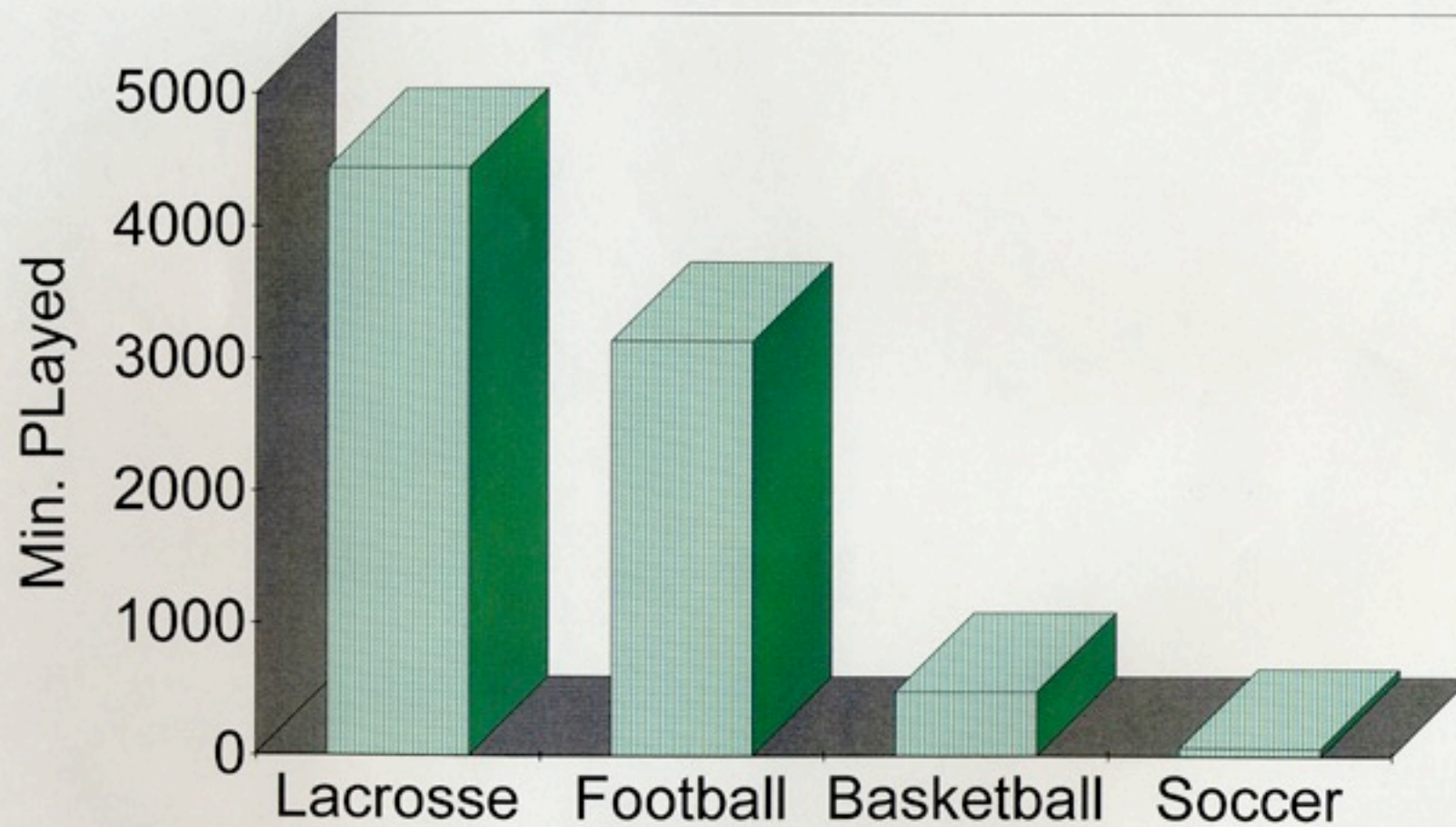



Burger King is my favorite fast food and McDonald's is my least.

I averaged out that I eat fast food three times a week.

Even with such a high average, I still maintain a weight 135 pounds.

## Min. Played In Sports



 Sports Played

Lacrosse was the most played sport by far stretching into over 4,000 minutes.

On average I play 89.53 minutes of a sport in a single day.

The average number of Lacrosse minutes played in a day were 50.58 minutes.



## Drinks Continued...

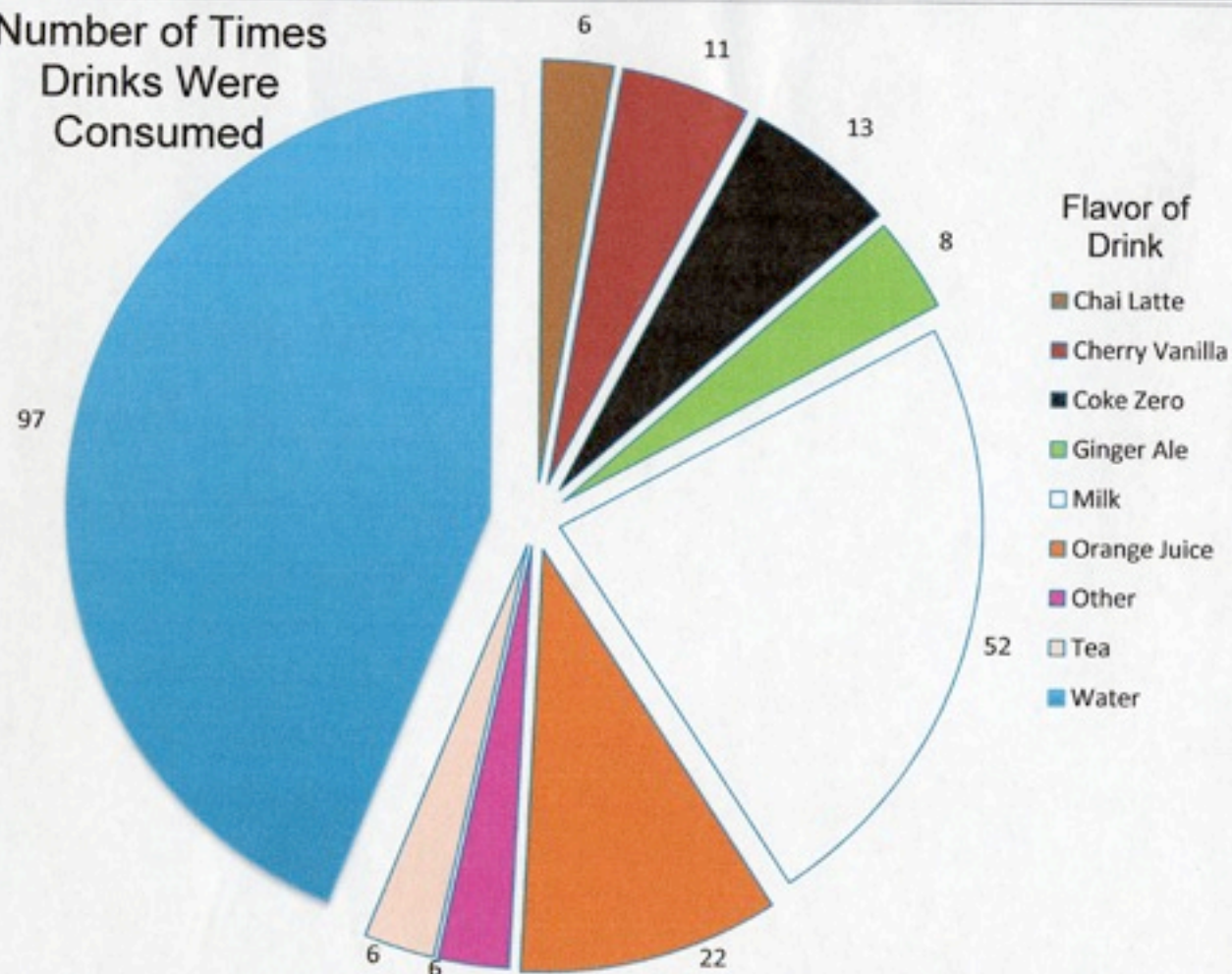
Minimum  
Drinks:  
0(Brands)

Maximum  
Drink:  
97(Brand)

Total  
Drinks: 235  
*(times consuming  
each flavor)*

Average Drinks:  
2.15(Brands a day)

Number of Times  
Drinks Were  
Consumed





## Swimming

(January 29-May 9)

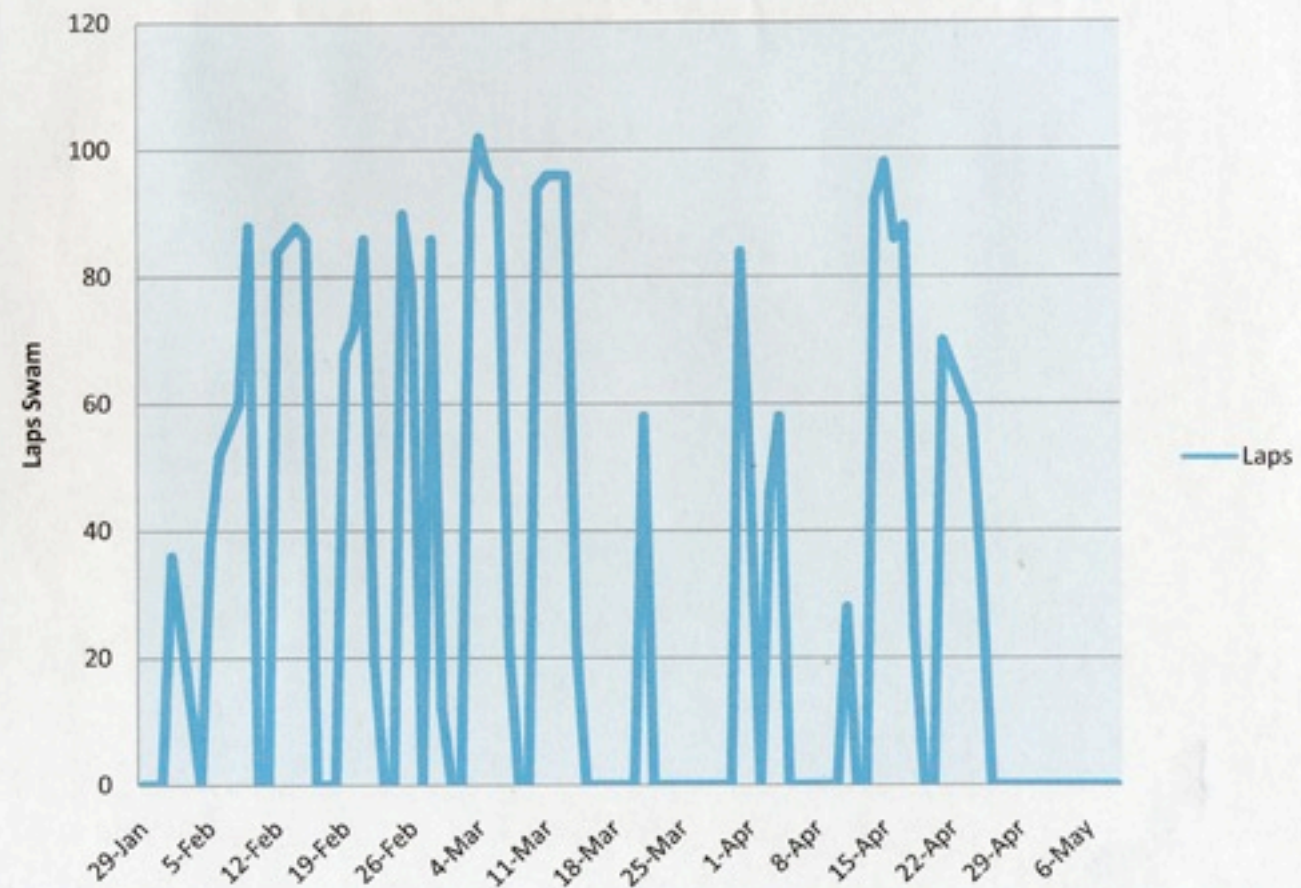
Minimum  
Laps: 0

Maximum  
Laps: 102

Total Laps:  
2,938  
(Wow! That's  
over 7 Miles!)

Average  
Laps: 29.67

### Swimming Season





## Gum Continued...

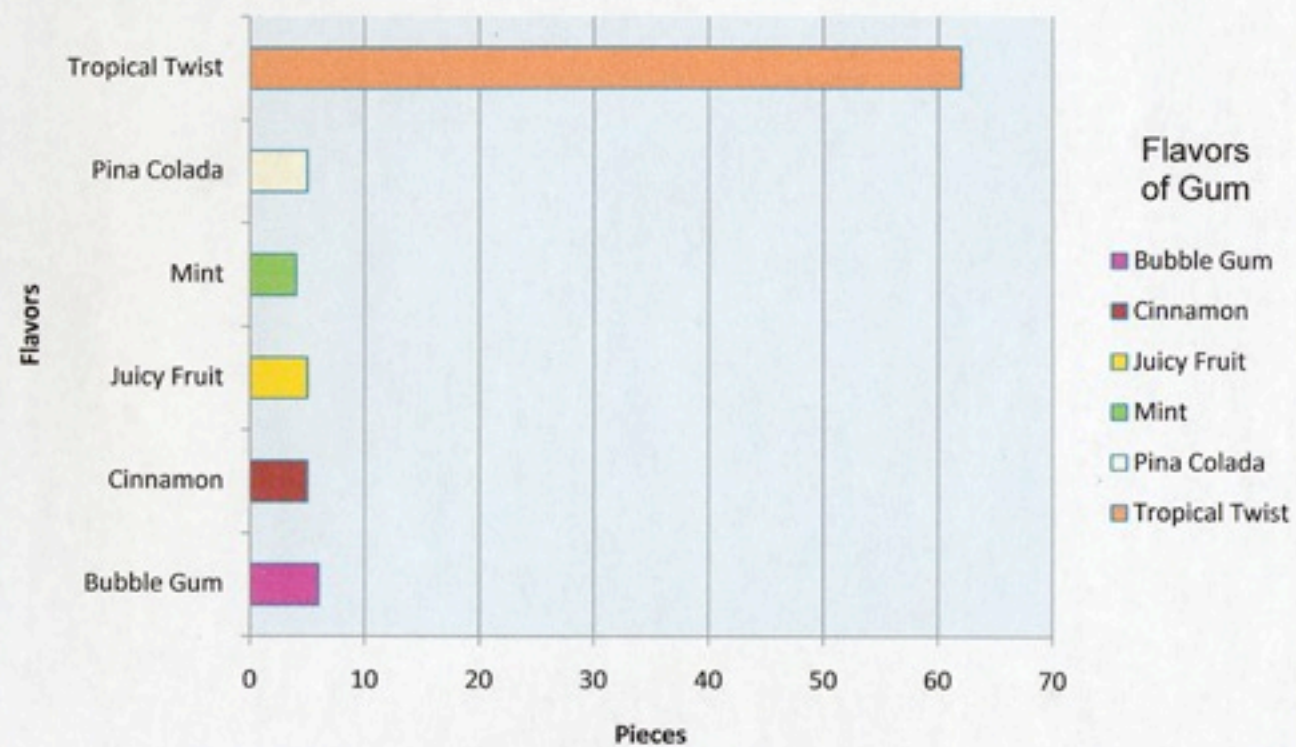
Minimum  
Gum:  
0(Brands)

Maximum Gum:  
61(Brand)

Total Gum:  
87  
(Times Consuming  
each Flavor)

Average Gum:  
.73 (Brands a  
day)

### Number of Times Gum Was Consummed





## Ten Facts

<i>Myspace</i>	<i>Sleeping</i>	<i>Swimming</i>	<i>Texting</i>
<b>76</b> sum of Myspace messages	<b>02</b> minimum hours of sleep	<b>00</b> minimum number of swim laps	<b>177.772277</b> average number of texts received
	<b>14</b> maximum hours of sleep	<b>96</b> maximum number of swim laps	
<b>58</b> Sum of Myspace comments	<b>727</b> sum of hours of sleep	<b>3195</b> minutes spent for swim team	<b>177.485149</b> average number of texts sent



Time Spent On Myspace

**16 Hours 15 Minutes**

The Most I Skated In One Day

**5 Hours**

I Downloaded Rap

the Most Out of

Any Genre of Music

Amount of Cereal Eaten

9.8 Boxes

Cereal Eaten:

**9.7 lbs.**

Average Time Spent On Myspace

**1:57 Minutes**

Time Spent Skating

**22 Hours**

72% of Music Downloaded

Was a Form of Rap

I Ate 1/15 of My Body Weight in Cereal

Total Number of Albums Downloaded

29 Albums

5740

is the total number of text messages I sent

5782

is the total number of text messages I received

60

minutes is the average time of TV I watched a day

2,220

minutes is the total number of TV I watched

180

minutes is the maximum time of TV I watched

0

minutes is the minimum time of TV I watched a day

19

minutes is the average time I talked on the phone a day

775

minutes is the total of time I talked on the phone

8.642

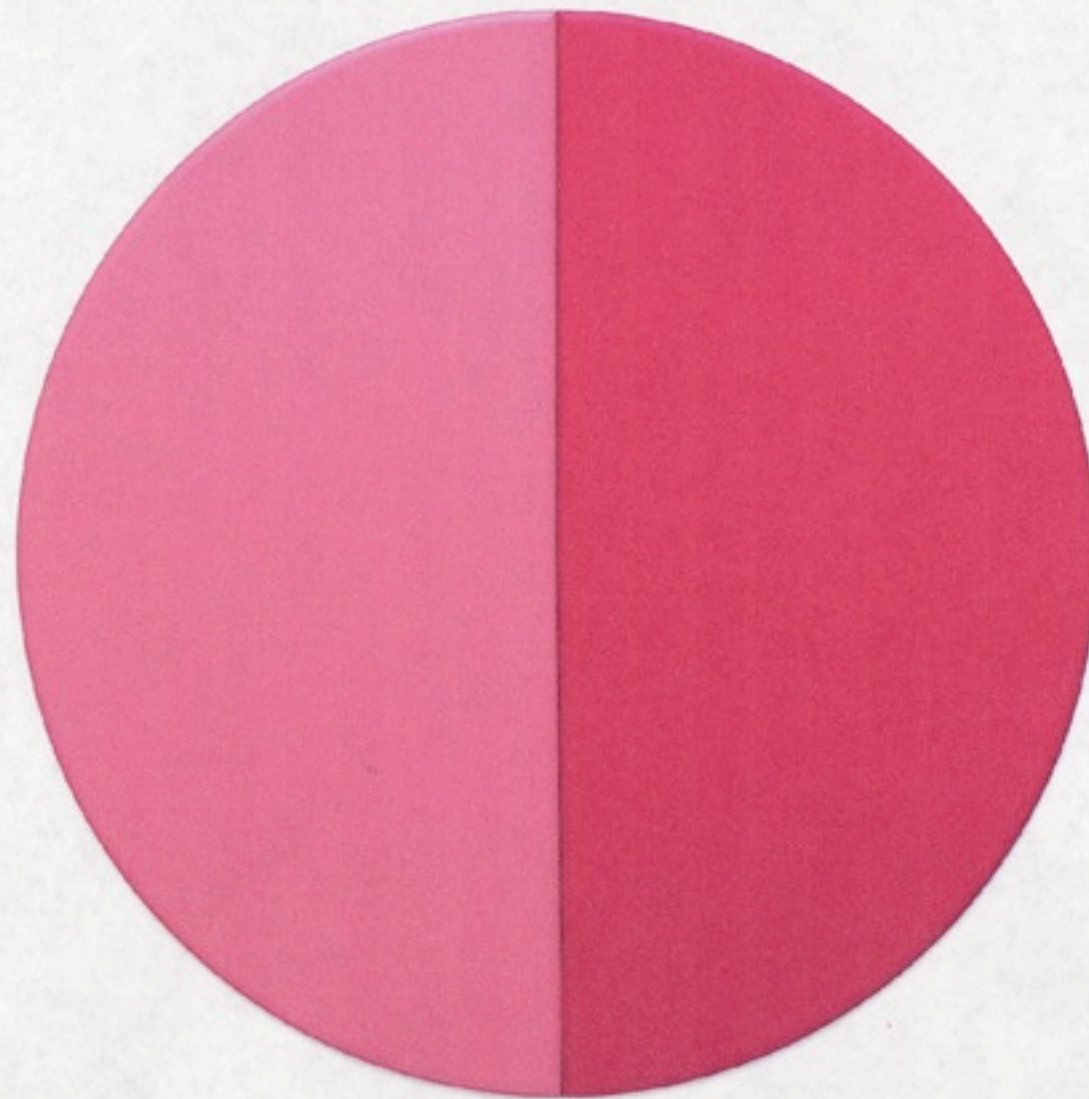
hours is the average I sleep a day

21,780

minutes is the total number of time I slept

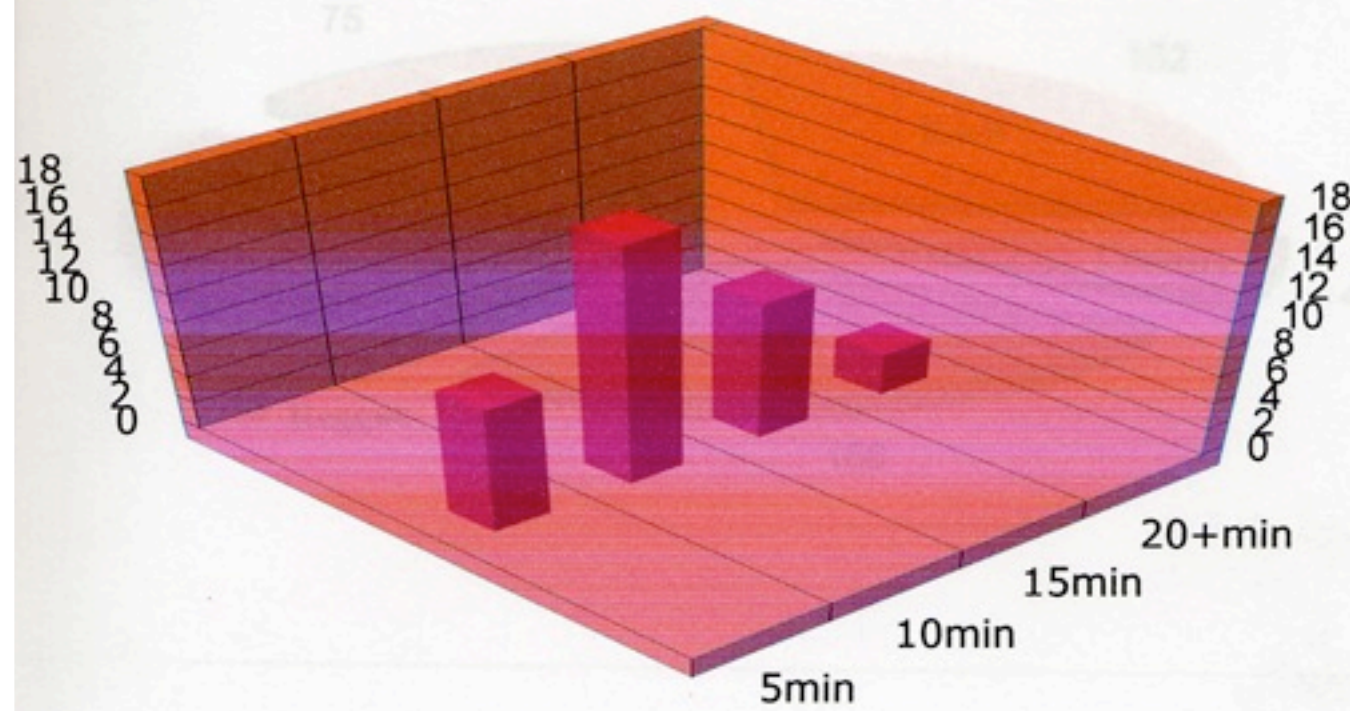


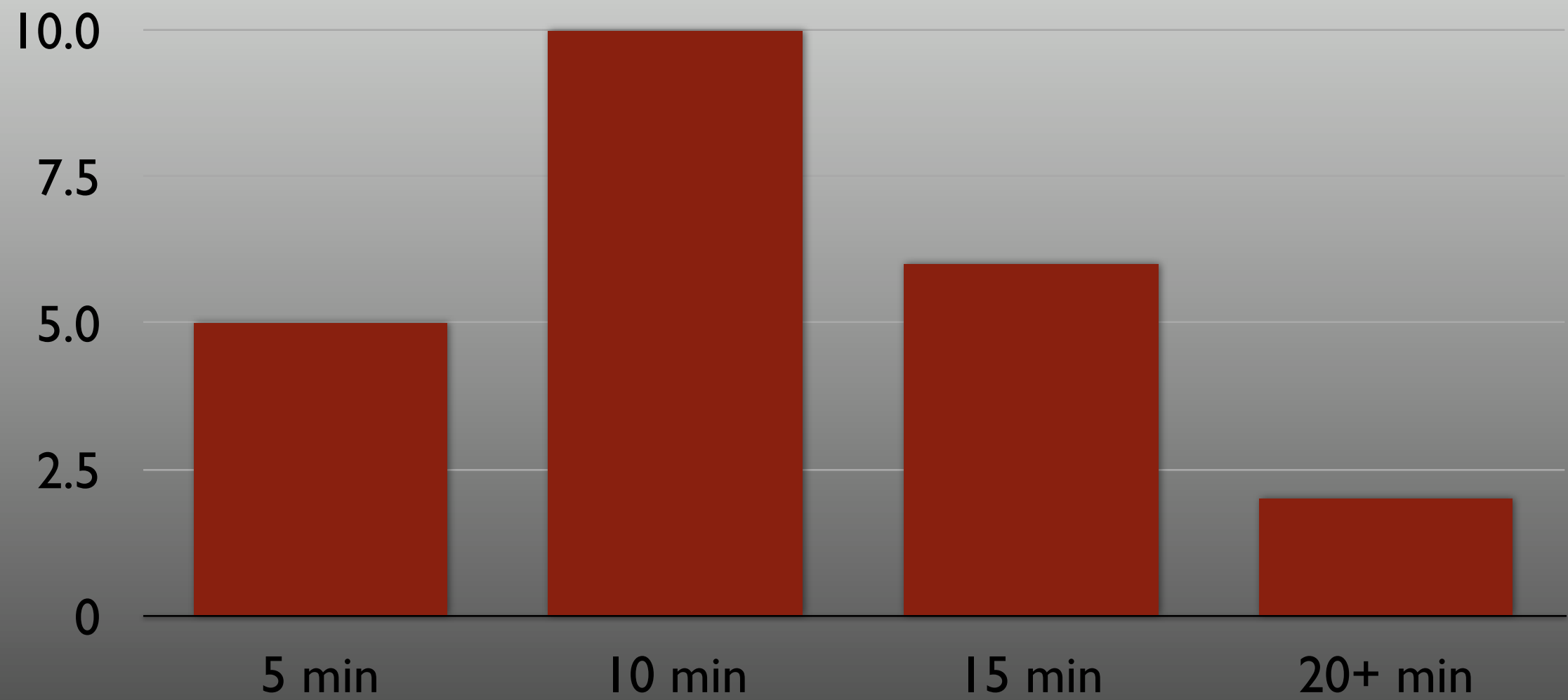
Text Messages



■ sent  
■ received

## Minutes I Drive







# How I Get There

Total Buses Ridden

162

Route 35s Ridden

134  
(83%)

Average Buses Ridden Per Day

1.84

The Numbers of the Bus Routes I've Ridden



Savings Through Using a Bus Pass

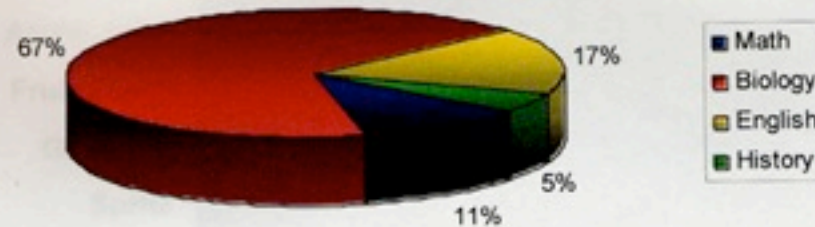
138  
dollars

# Workin'

Number of Hours of P.E. Homework

**0 Hours**

**Pie Chart of Homework**



Average Hours of Biology Homework per Night

**33.5 Minutes**

Average Minutes Spent on Homework Daily

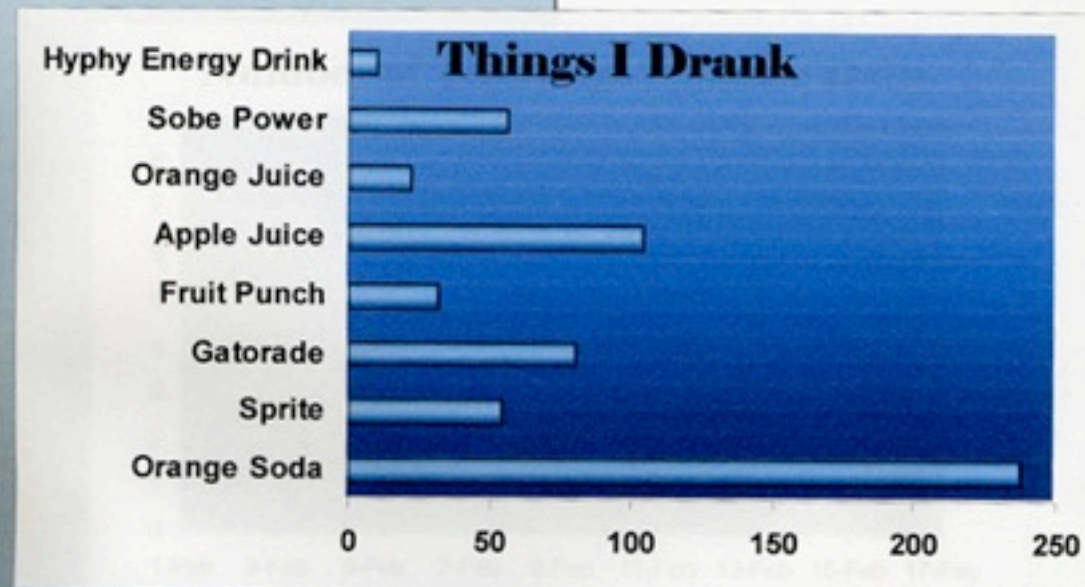
**49.6 Minutes**



# Drinkin'

Fluid Ounces of Orange Soda

**237.8**

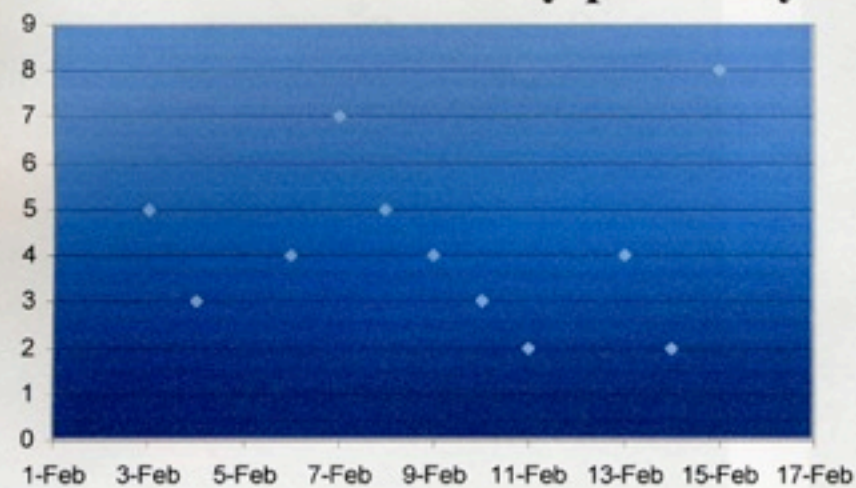


Carbonated Soda to Juice Ratio: Almost Exactly 1:1

# Myspacin'

Times on Facebook  
**ZERO**

**Number of Times on Myspace Daily**



Average Times on Myspace per Day

**3.4 Times**

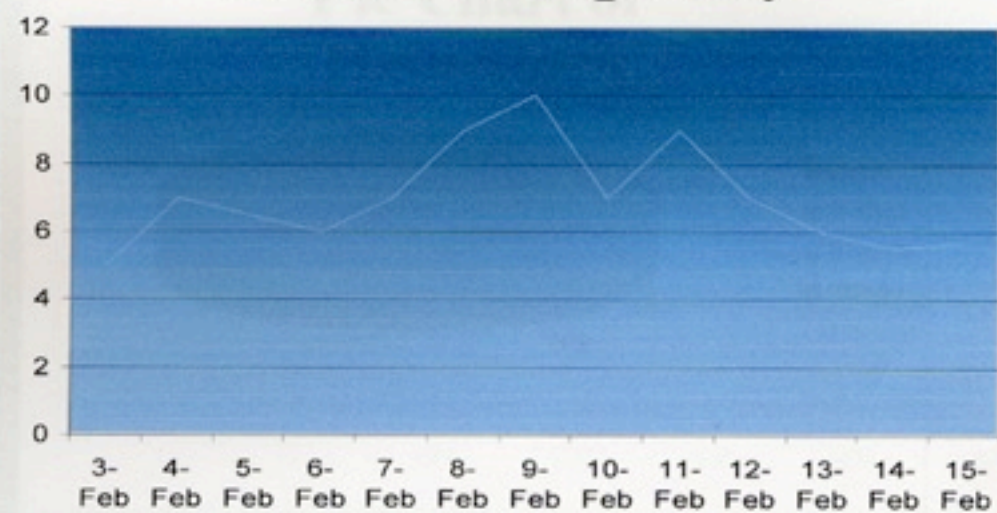


# Sleepin'

Average Hours of Sleep **6.5 Hours**

Recommended Hours of Sleep **7-8 Hours**

**Hours of Sleep Daily**



Number of Nights With Less Than 8 Hours of Sleep

**10**

49.6 Minutes



1/8	LOC	mh, sv
	drink	16oz soy mocha xhot
1/9	LOC	mh, sv
1/10	loc	mh, sv
	drink	16oz 2 soy mocha xhot
	maine	life aquatic, solo del
1/11	drink	16oz. chai soy xhot
	loc	mh sv
1/12	drink	16oz. soy mocha xhot CC
	loc	sv, mt, sc
	drink	hazelnut draft
1/13	drink	apricot de 16oz. CC
	loc	sv, sc, mt
1/14	white	coffee, fat cat 16oz
	loc	mt
1/15	drink	cappuccino, cawsen cafe
	"	12oz made white mocha xhot - best
1/16	drink	coffee, 12oz.
	LOC	mt, <del>mt</del> pacific gran
	loc	mt, Fremont
1/17	drink	iced soy mocha 16oz Cawsen
	loc	mt sv
1/18	drink	16oz chai xhot cawsen
		16oz. soy mocha xhot oolong
1/19	maine	will be back del mar bakes
	drink	16oz. soy mocha xhot
	maine	cloverfield cream 9 So.

## **2. The Feltron Project**

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1. Track Four (4) Variables.

## **2. The Feltron Project**

### **1. Track Four (4) Variables.**

Where I've Been



## **2. The Feltron Project**

### **1. Track Four (4) Variables.**

Where I've Been

Text Messages I've Sent / Received

## 2. The Feltron Project

### 1. Track Four (4) Variables.

Where I've Been

Text Messages I've Sent / Received

Movies I've Watched

## 2. The Feltron Project

### 1. Track Four (4) Variables.

Where I've Been

Text Messages I've Sent / Received

Movies I've Watched

Whom I've Watched Them With

## 2. The Feltron Project

### 1. Track Four (4) Variables.

Where I've Been

Text Messages I've Sent / Received

Movies I've Watched

Whom I've Watched Them With

Coffee Drinks I've Purchased

## 2. The Feltron Project

### 1. Track Four (4) Variables.

Where I've Been

Text Messages I've Sent / Received

Movies I've Watched

Whom I've Watched Them With

Coffee Drinks I've Purchased

Where I've Purchased Them



## 2. The Feltron Project

1. Track Four (4) Variables.

Where I've Been

Text Messages I've Sent / Received

Movies I've Watched

Whom I've Watched Them With

Coffee Drinks I've Purchased

Where I've Purchased Them

2. Illustrate Them Mathematically

## **2. The Feltron Project**

## **2. The Feltron Project**

## **2. The Feltron Project**

1. Interesting-ness of Tracked Variables

## **2. The Feltron Project**

1. Interesting-ness of Tracked Variables
2. Mathematical Correctness



## **2. The Feltron Project**

1. Interesting-ness of Tracked Variables
2. Mathematical Correctness
3. Graphic Design

### **3. Break**

### **3. Break**

**3. Break**

**4. Show and Tell**

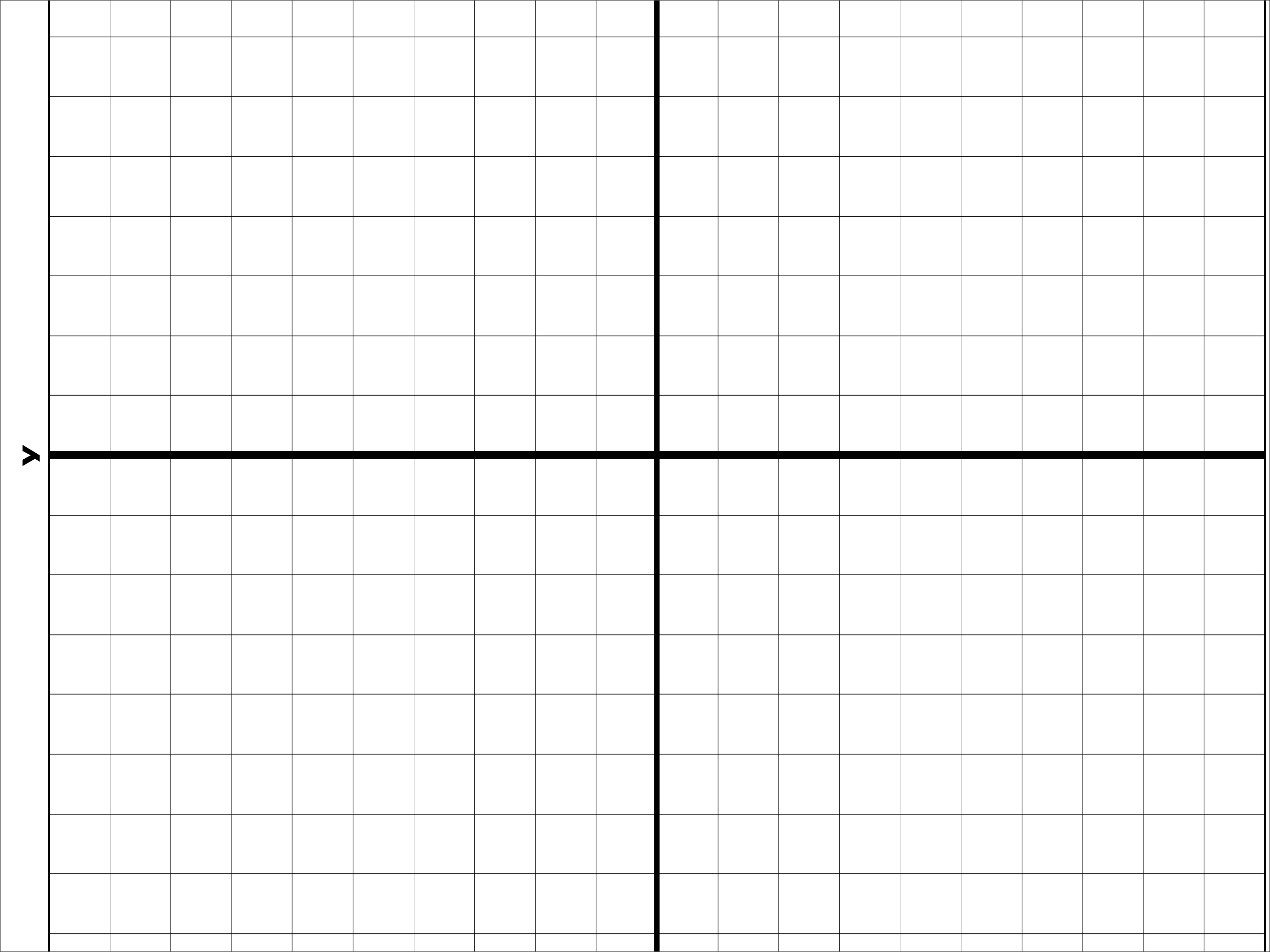
## **5. Classwork**



## **5. Classwork**

## **5. Classwork**

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## 6. Homework

### Practice

$$y = x^2 + 5x + 6$$

### Challenge