

# Day 27

x	7					100
y	20					
x	-2	-1	0	1		50
y	12	9	6	3		
x	4	5	6		45	
y	5	8	11			50

# Day 27

## 1. Opener

x	7					100
y	20					
x	-2	-1	0	1		50
y	12	9	6	3		
x	4	5	6		45	
y	5	8	11			50

# Day 27

## 1. Opener

Fill in the missing part of each table. What is the relationship?

x	7					100
y	20					

x	-2	-1	0	1		50
y	12	9	6	3		

x	4	5	6		45	
y	5	8	11			50

# Day 27

## 1. Opener

Fill in the missing part of each table. What is the relationship?

a)

x	7					100
y	20					

x	-2	-1	0	1		50
y	12	9	6	3		

x	4	5	6		45	
y	5	8	11			50

# Day 27

## 1. Opener

Fill in the missing part of each table. What is the relationship?

a)

x	7					100
y	20					

b)

x	-2	-1	0	1		50
y	12	9	6	3		

x	4	5	6		45	
y	5	8	11			50

# Day 27

## 1. Opener

Fill in the missing part of each table. What is the relationship?

a)

x	7					100
y	20					

b)

x	-2	-1	0	1		50
y	12	9	6	3		

c)

x	4	5	6		45	
y	5	8	11			50

# Day 27

## 1. Opener

Fill in the missing part of each table. What is the relationship?

a)

x	7					100
y	20					

b)

x	-2	-1	0	1		50
y	12	9	6	3		

c)

x	4	5	6		45	
y	5	8	11			50

d) Is  $(10, 22)$  part of the relationship  $y = 3x - 7$ ?

# Day 27

## 1. Opener

Fill in the missing part of each table. What is the relationship?

a)

x	7					100
y	20					

b)

x	-2	-1	0	1		50
y	12	9	6	3		

c)

x	4	5	6		45	
y	5	8	11			50

- d) Is  $(10, 22)$  part of the relationship  $y = 3x - 7$ ?
- e) What percent of M&Ms are brown?









## 2. Difficult Relationships

x	2	5				
y	8	14				

## 2. Difficult Relationships

$x$	2			5		
$y$	8			14		

## 2. Difficult Relationships

x	2			5		
y	8			14		

## 2. Difficult Relationships

x	2	3		5	
y	8			14	

## 2. Difficult Relationships

x	2	3	4	5		
y	8			14		

## 2. Difficult Relationships

x	2	3	4	5		
y	8	10		14		

## 2. Difficult Relationships

x	2	3	4	5		
y	8	10	12	14		

## 2. Difficult Relationships

x	10	12				
y	3	11				

## 2. Difficult Relationships

x	10		12		
y	3		11		

## 2. Difficult Relationships

x	10	11	12			
y	3		11			

## 2. Difficult Relationships

x	10	11	12			
y	3	7	11			

## 2. Difficult Relationships

$x$	14	18				
$y$	22	10				

## 2. Difficult Relationships

x	14				18
y	22				10

## 2. Difficult Relationships

x	14	15			18	
y	22				10	

## 2. Difficult Relationships

x	14	15	16		18	
y	22				10	

## 2. Difficult Relationships

x	14	15	16	17	18	
y	22				10	

## 2. Difficult Relationships

x	14	15	16	17	18	
y	22	19			10	

## 2. Difficult Relationships

x	14	15	16	17	18	
y	22	19	16		10	

## 2. Difficult Relationships

x	14	15	16	17	18	
y	22	19	16	13	10	

## 2. Difficult Relationships

x	14	15	16	17	18	
y	22	19	16	13	10	102

## 2. Difficult Relationships

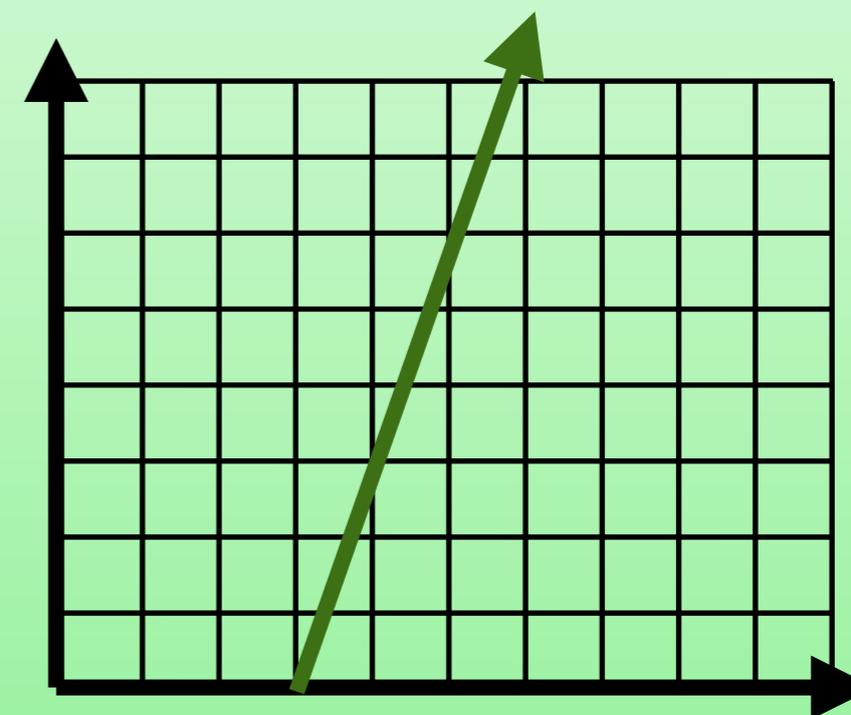
$x$	$x_1$	$x_2$				
$y$	$y_1$	$y_2$				

### **3. Difficult Relationships Worksheet**

# Day 28

x	5	13	50			
y	20	44		98		

x			
y			

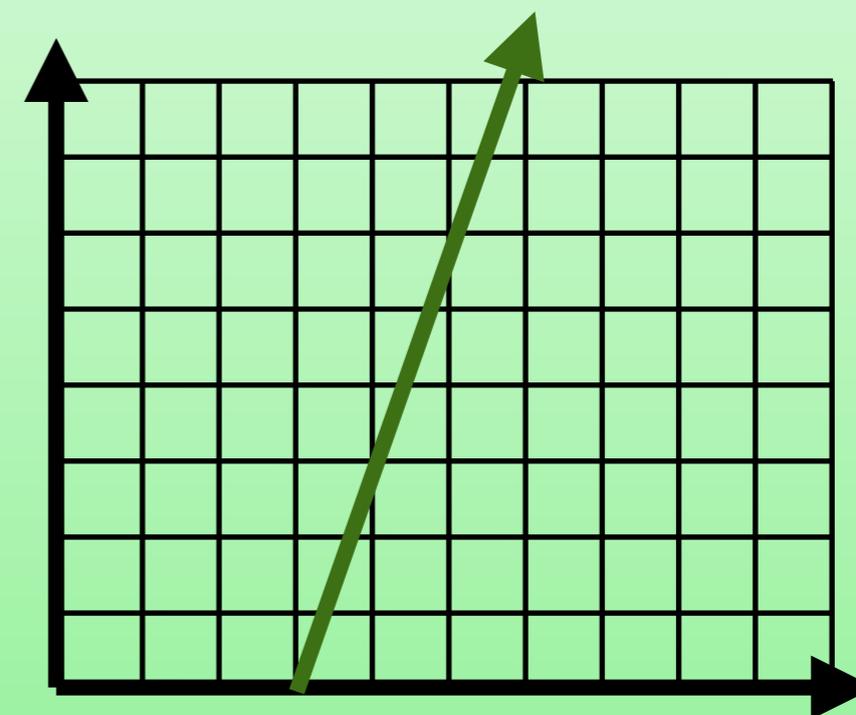


# Day 28

## 1. Opener

x	5	13	50			
y	20	44		98		

x			
y			



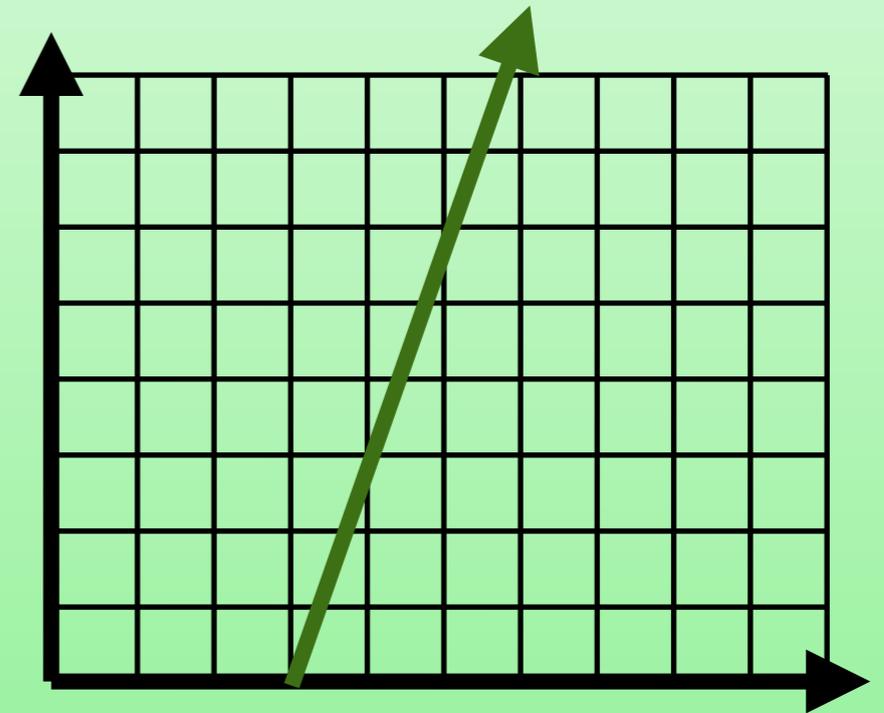
# Day 28

## 1. Opener

a) Fill in the missing part of this table. What is the relationship?

x	5	13	50			
y	20	44		98		

x			
y			



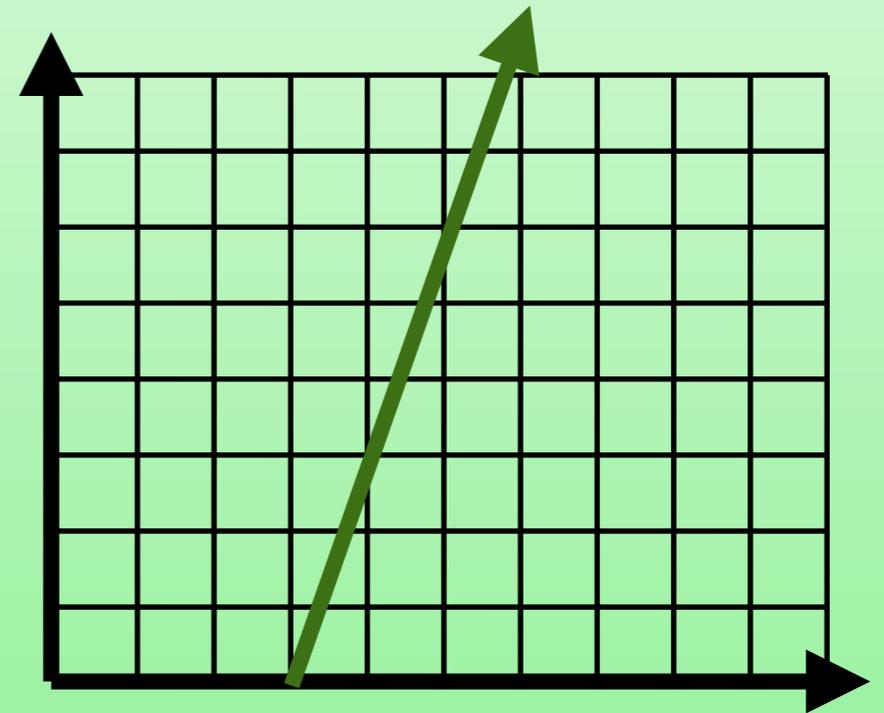
# Day 28

## 1. Opener

a) Fill in the missing part of this table. What is the relationship?

x	5	13	50			
y	20	44		98		

x			
y			



# Day 28

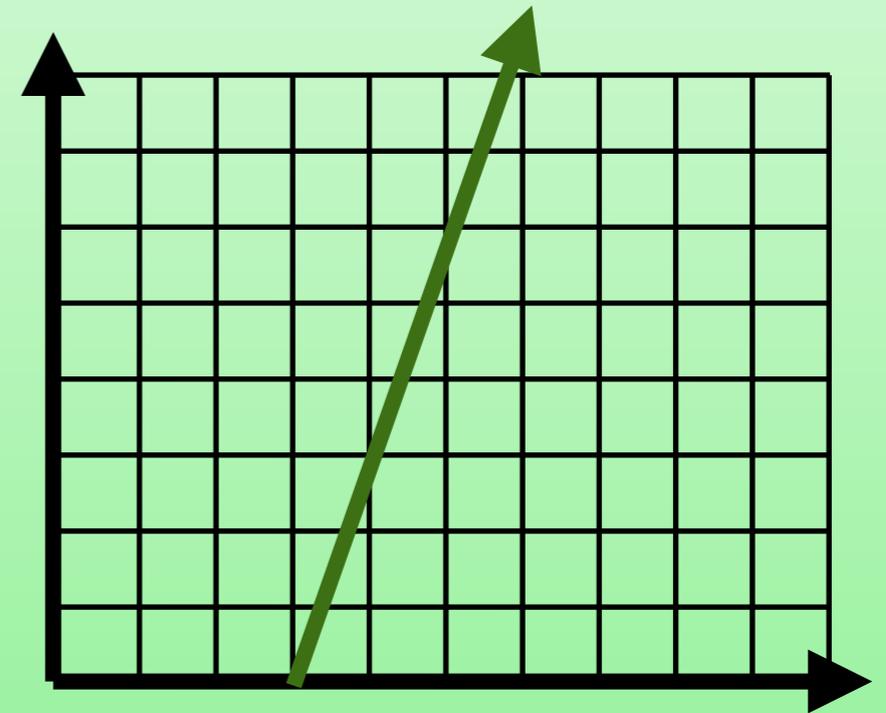
## 1. Opener

a) Fill in the missing part of this table. What is the relationship?

x	5	13	50			
y	20	44		98		

b) What is the relationship and table for this graph?

x			
y			



# Day 28

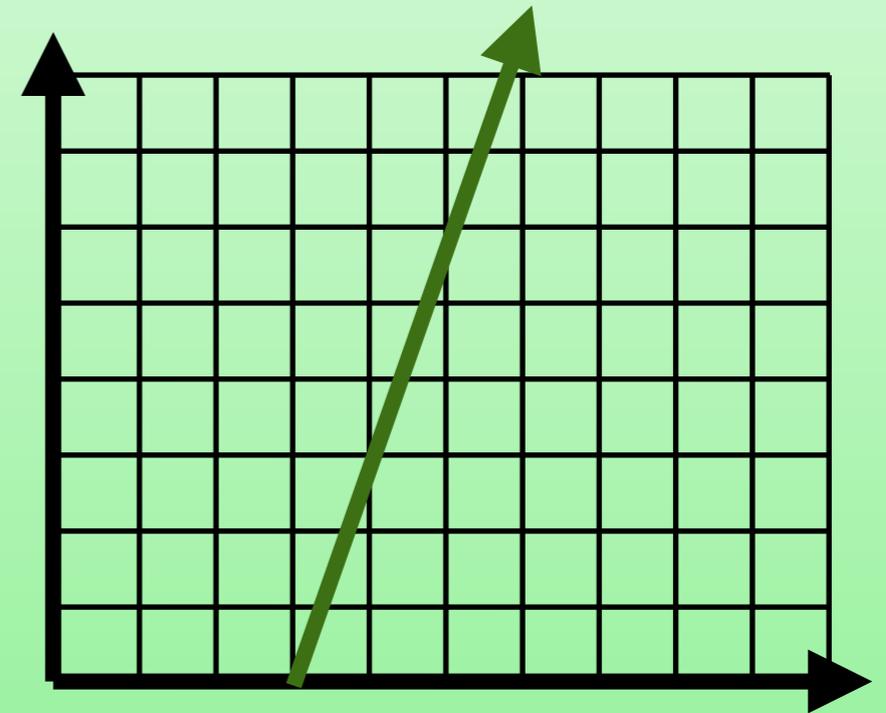
## 1. Opener

a) Fill in the missing part of this table. What is the relationship?

x	5	13	50			
y	20	44		98		

b) What is the relationship and table for this graph?

x			
y			



c) Is  $(5, -2)$  part of the relationship  $y = -4x + 18$ ?

# Day 28

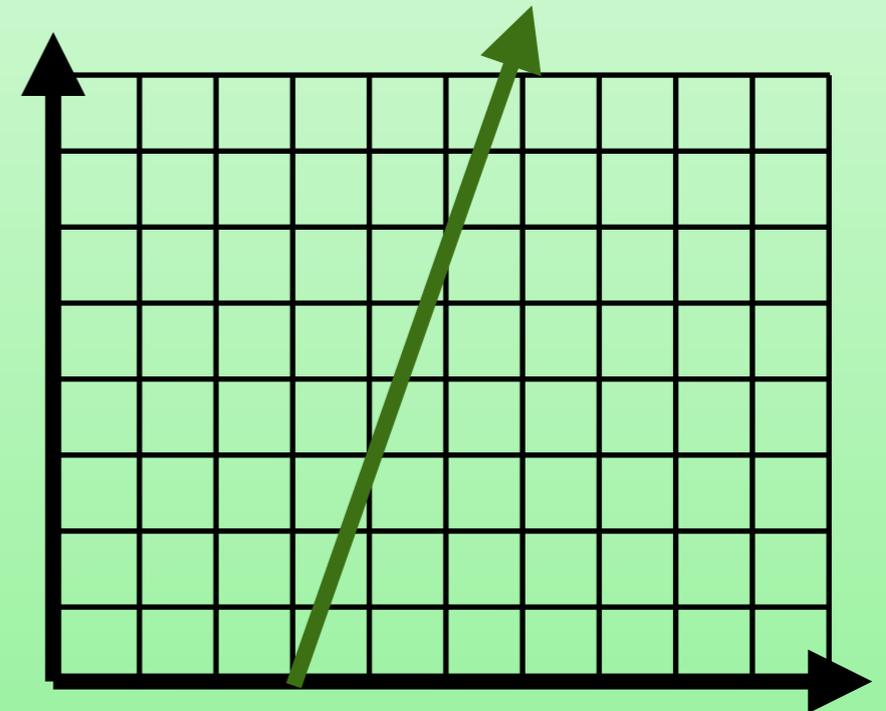
## 1. Opener

- a) Fill in the missing part of this table. What is the relationship?

x	5	13	50			
y	20	44		98		

- b) What is the relationship and table for this graph?

x			
y			



- c) Is  $(5, -2)$  part of the relationship  $y = -4x + 18$ ?
- d) In what month do the most burglaries occur?





## **4. Difficult Relationships Worksheet Answers**

## 4. Difficult Relationships Worksheet Answers

1.  $y = 5x - 1$

## 4. Difficult Relationships Worksheet Answers

1.  $y = 5x - 1$

2.  $y = 3x + 7$

## 4. Difficult Relationships Worksheet Answers

1.  $y = 5x - 1$

2.  $y = 3x + 7$

3.  $y = 2x - 10$

## 4. Difficult Relationships Worksheet Answers

1.  $y = 5x - 1$

2.  $y = 3x + 7$

3.  $y = 2x - 10$

4.  $y = 10x - 3$

## 4. Difficult Relationships Worksheet Answers

1.  $y = 5x - 1$

2.  $y = 3x + 7$

3.  $y = 2x - 10$

4.  $y = 10x - 3$

5.  $y = 6x + 1$

## 4. Difficult Relationships Worksheet Answers

1.  $y = 5x - 1$

2.  $y = 3x + 7$

3.  $y = 2x - 10$

4.  $y = 10x - 3$

5.  $y = 6x + 1$

6.  $y = -5x + 4$

## 4. Difficult Relationships Worksheet Answers

1.  $y = 5x - 1$

2.  $y = 3x + 7$

3.  $y = 2x - 10$

4.  $y = 10x - 3$

5.  $y = 6x + 1$

6.  $y = -5x + 4$

7.  $y = -3x + 5$

## 4. Difficult Relationships Worksheet Answers

1.  $y = 5x - 1$

2.  $y = 3x + 7$

3.  $y = 2x - 10$

4.  $y = 10x - 3$

5.  $y = 6x + 1$

6.  $y = -5x + 4$

7.  $y = -3x + 5$

8.  $y = -2x - 7$

## 4. Difficult Relationships Worksheet Answers

1.  $y = 5x - 1$

2.  $y = 3x + 7$

3.  $y = 2x - 10$

4.  $y = 10x - 3$

5.  $y = 6x + 1$

6.  $y = -5x + 4$

7.  $y = -3x + 5$

8.  $y = -2x - 7$

9.  $y = \frac{1}{3}x + 7$

## 4. Difficult Relationships Worksheet Answers

1.  $y = 5x - 1$

2.  $y = 3x + 7$

3.  $y = 2x - 10$

4.  $y = 10x - 3$

5.  $y = 6x + 1$

6.  $y = -5x + 4$

7.  $y = -3x + 5$

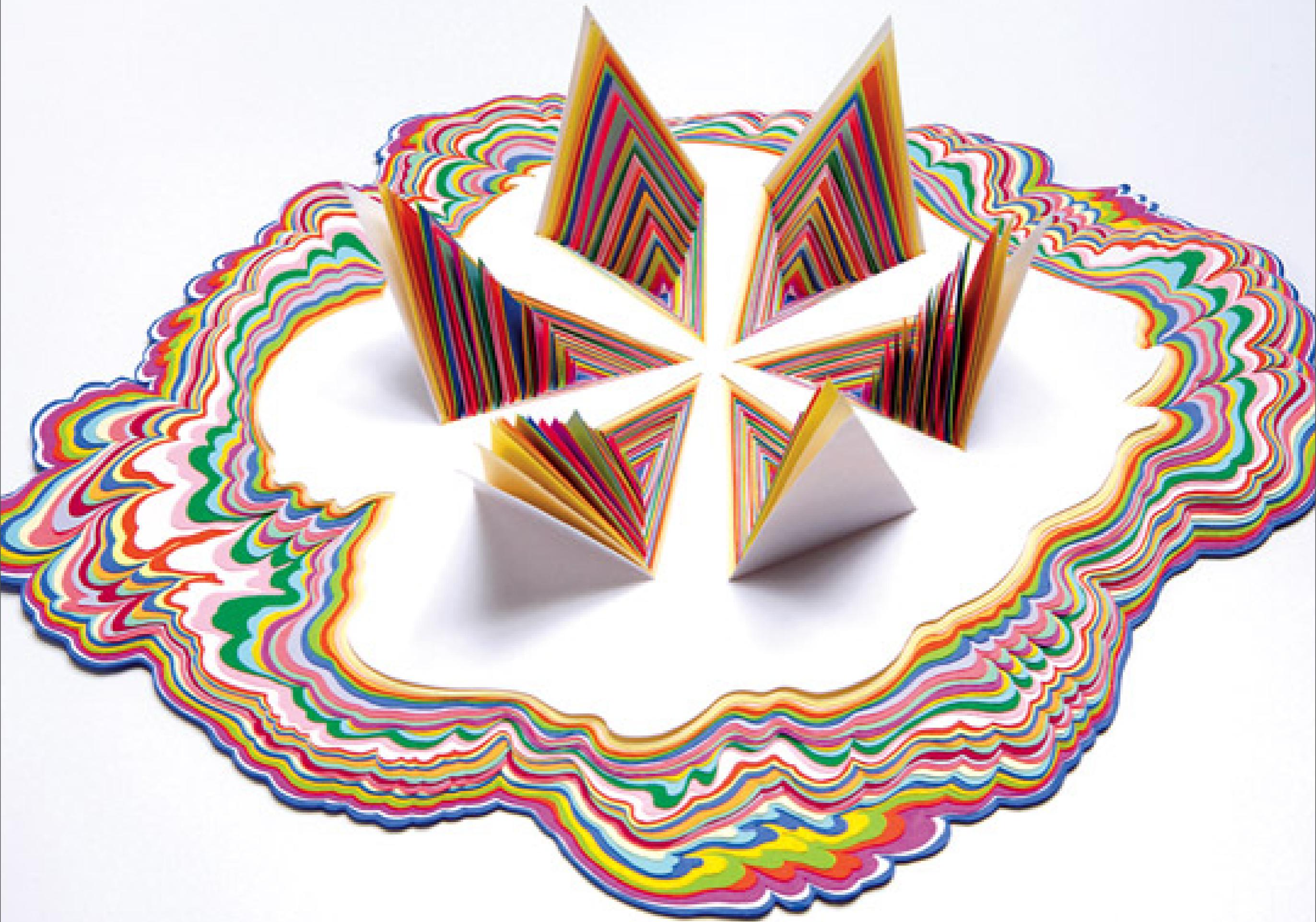
8.  $y = -2x - 7$

9.  $y = \frac{1}{3}x + 7$

10.  $y = -\frac{1}{2}x + 3$



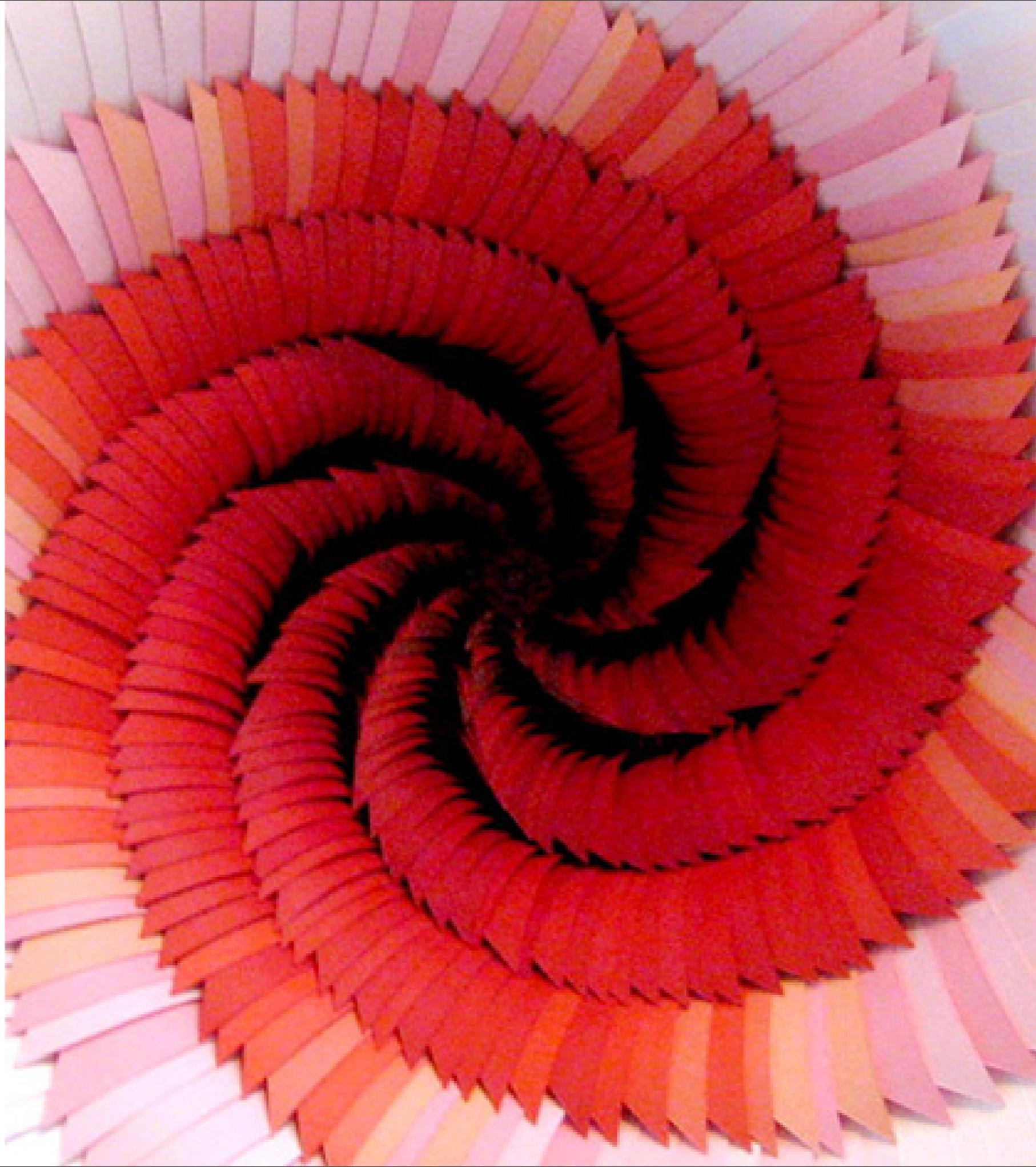


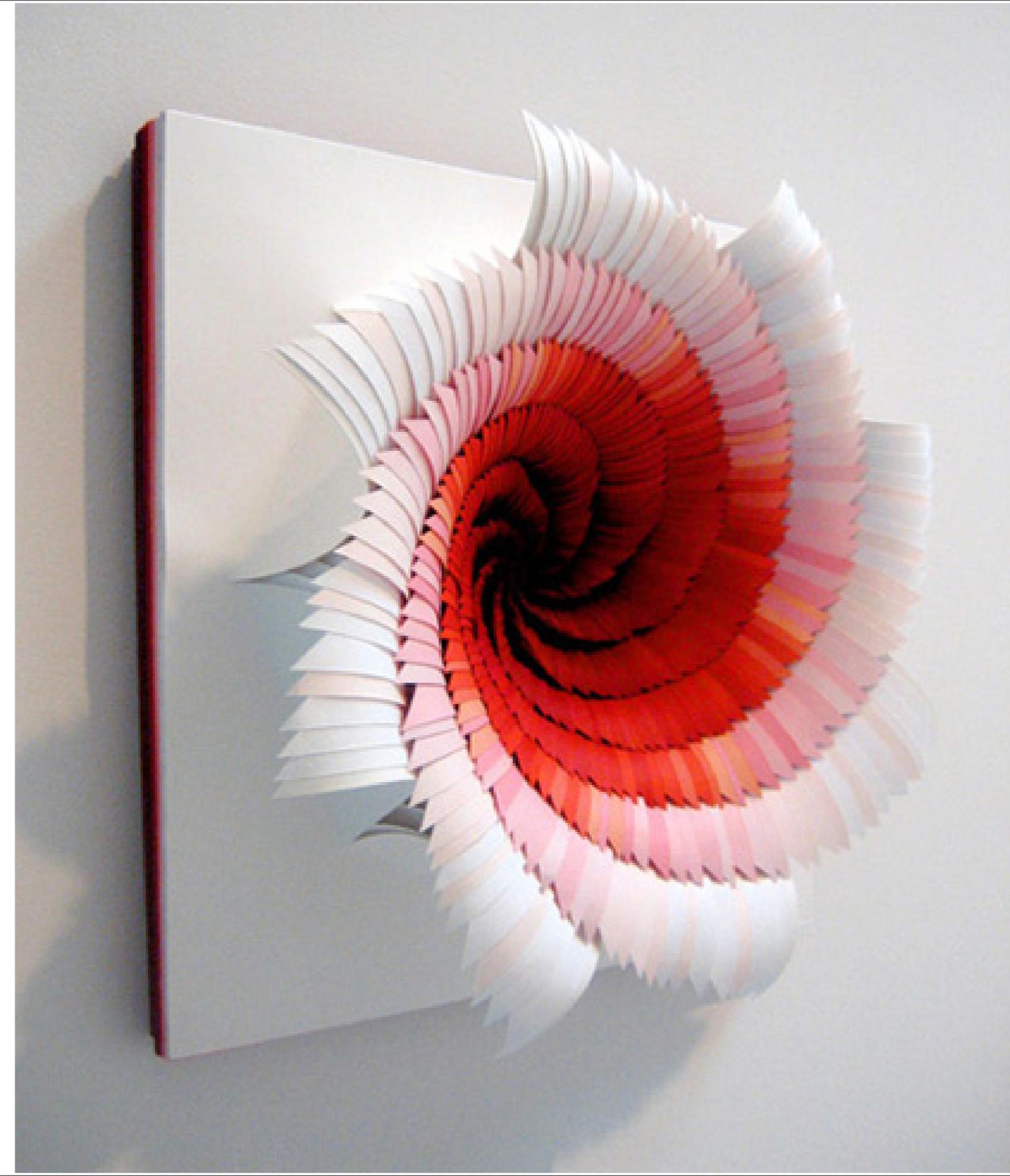




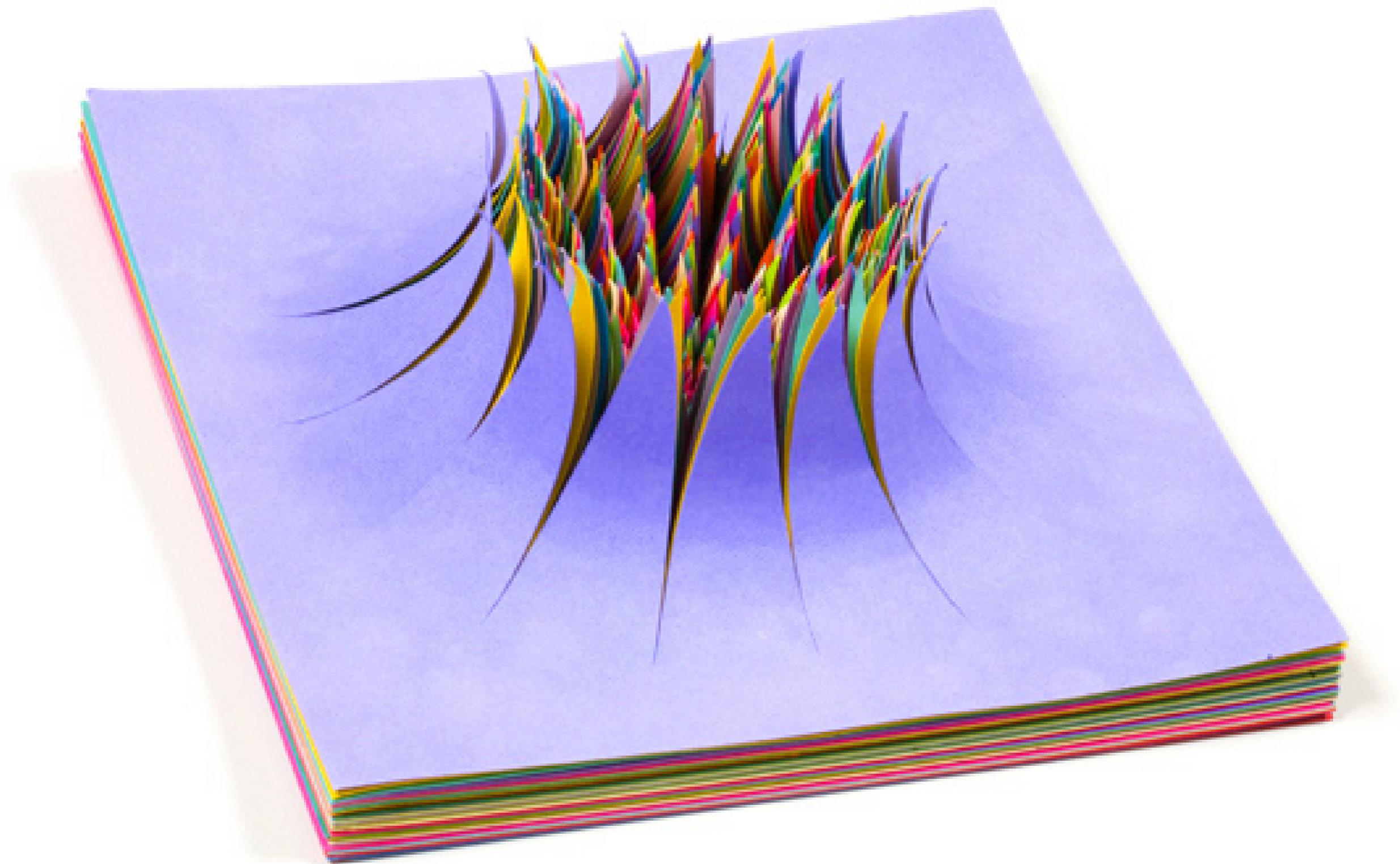










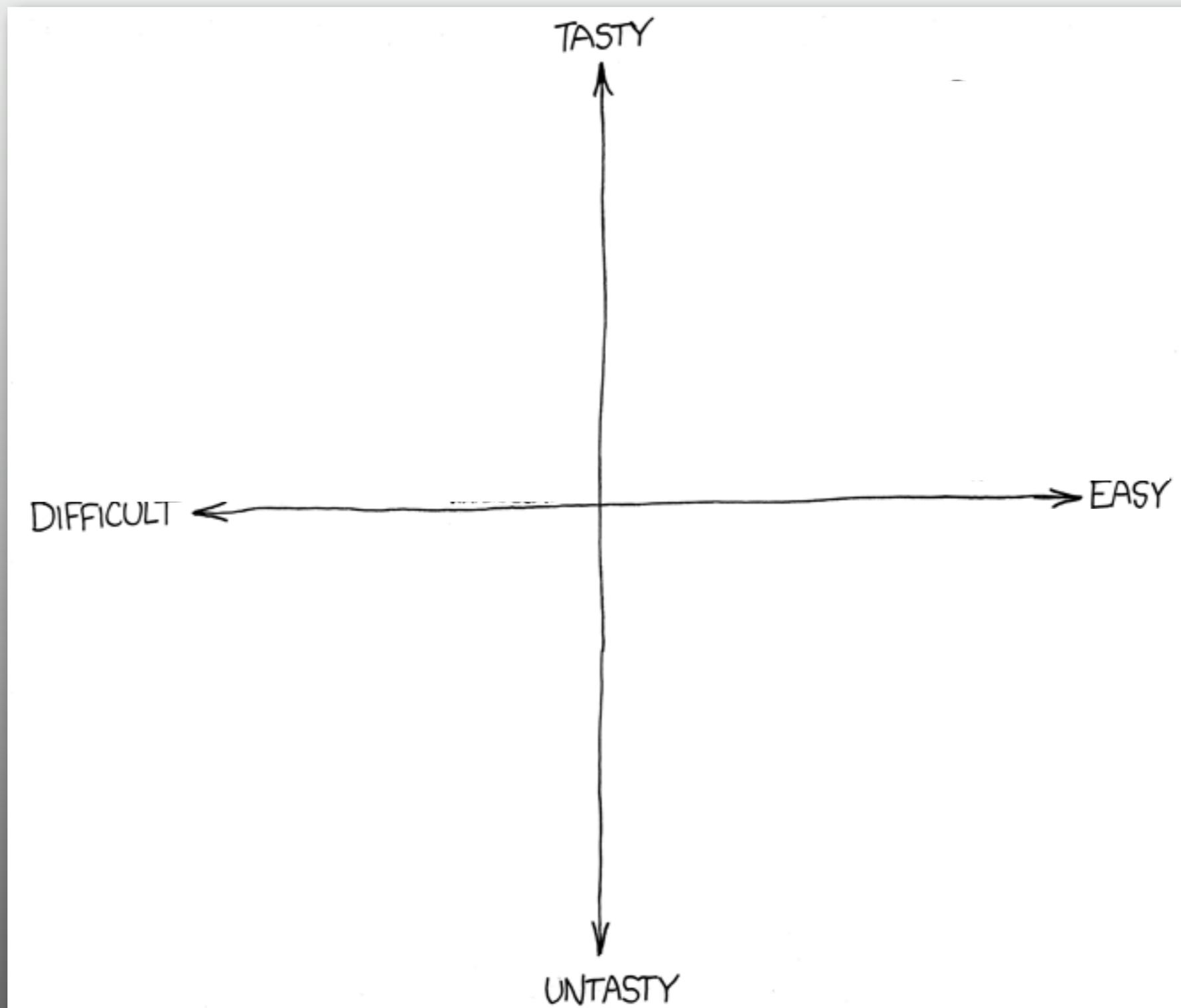


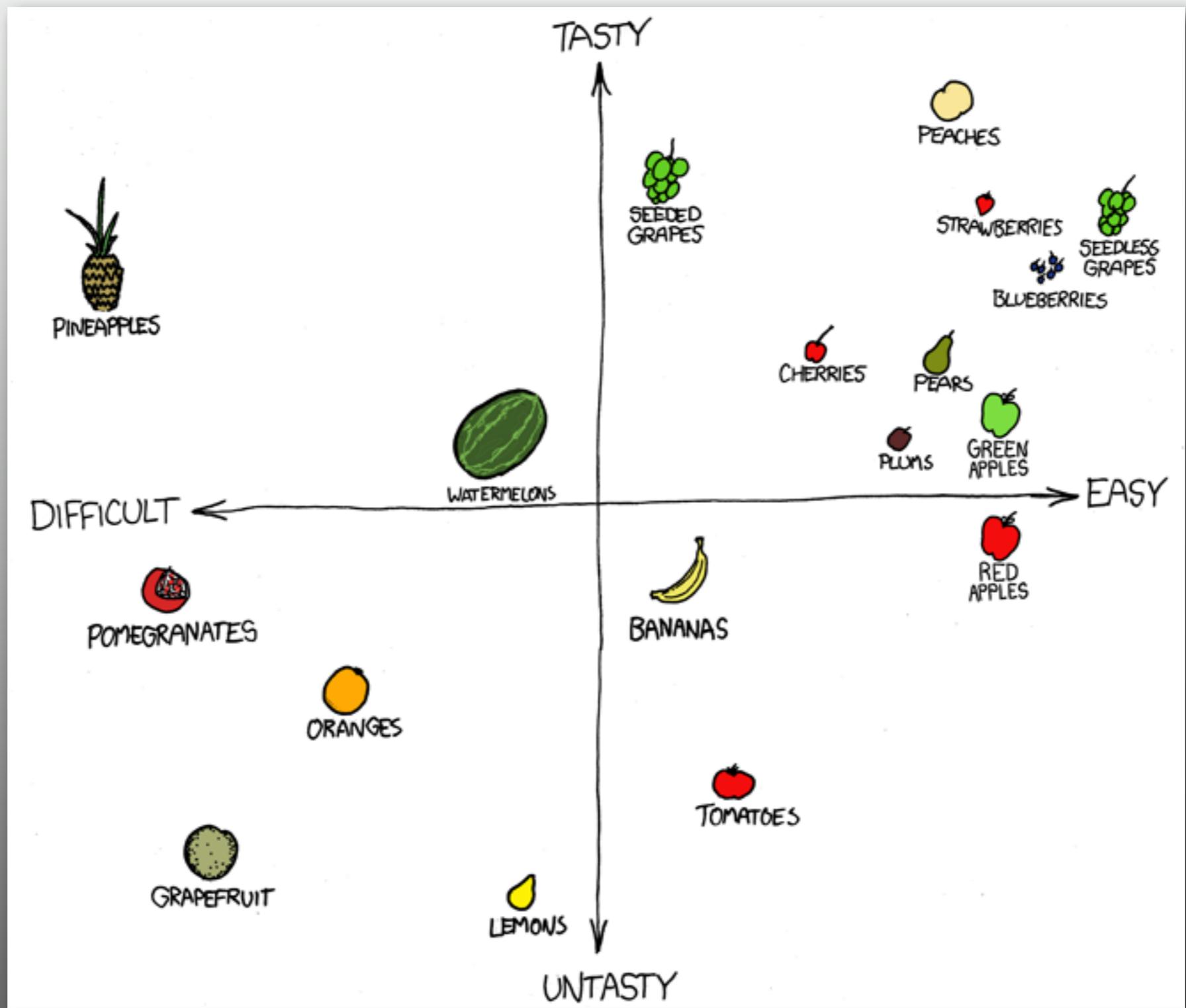




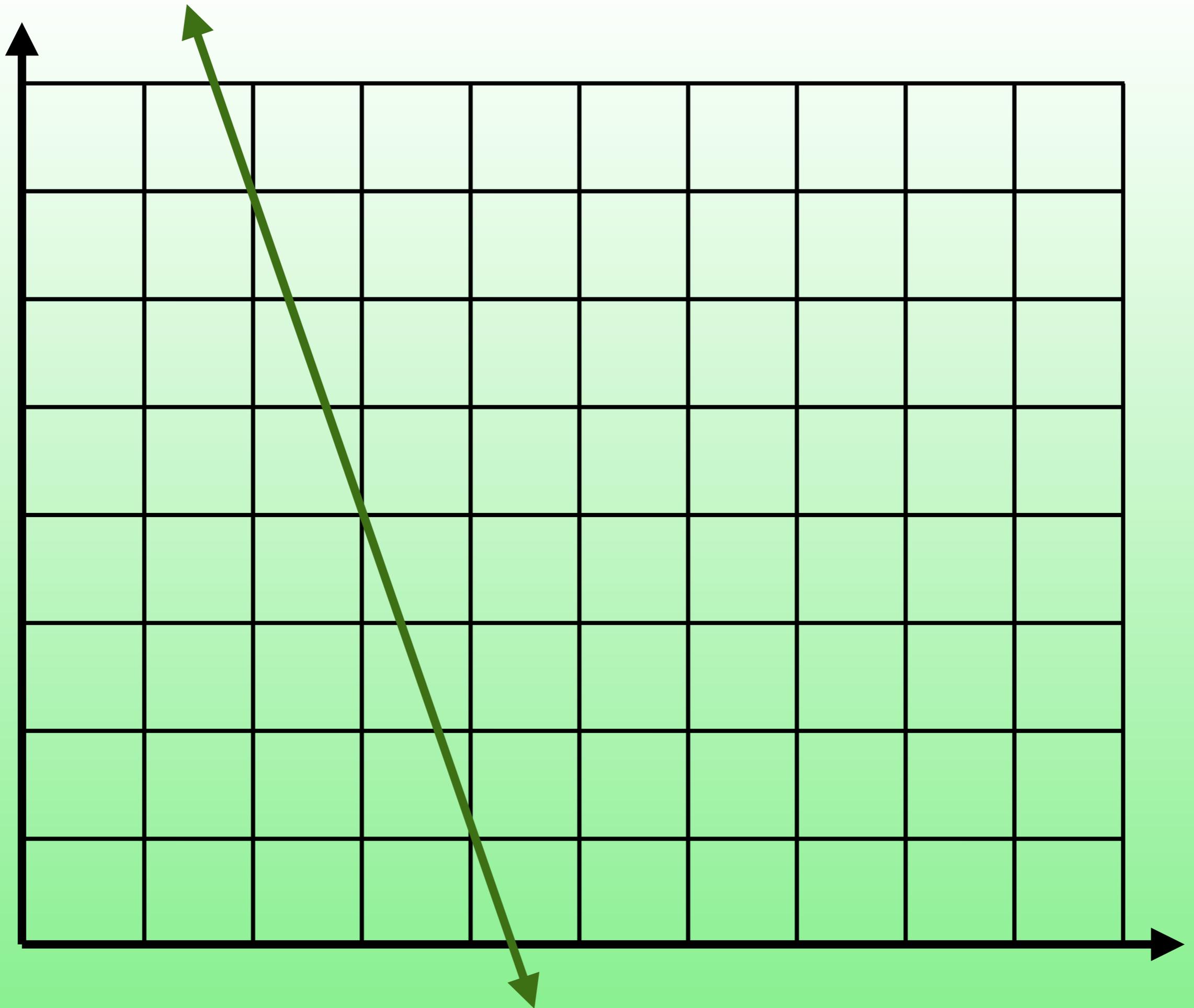


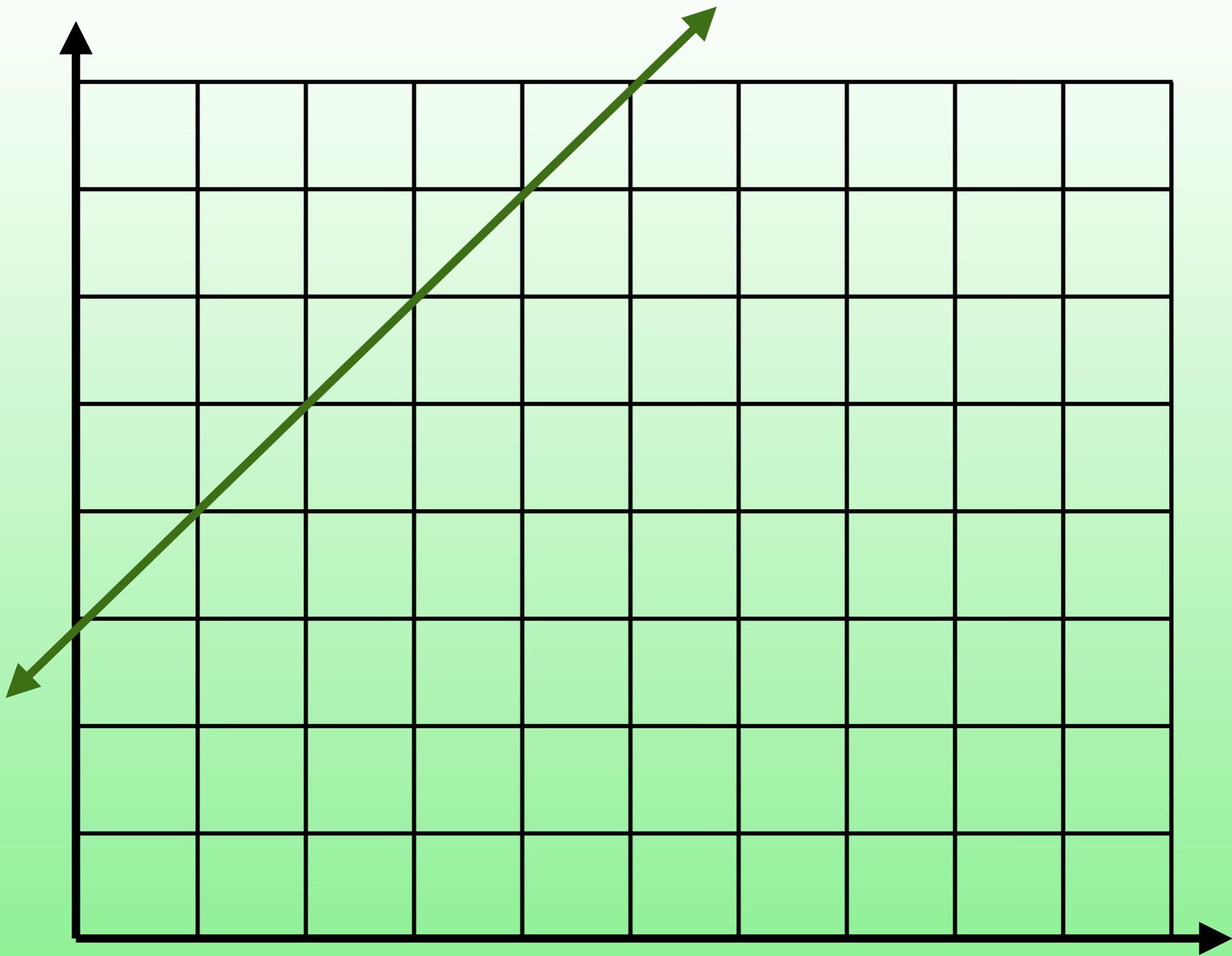






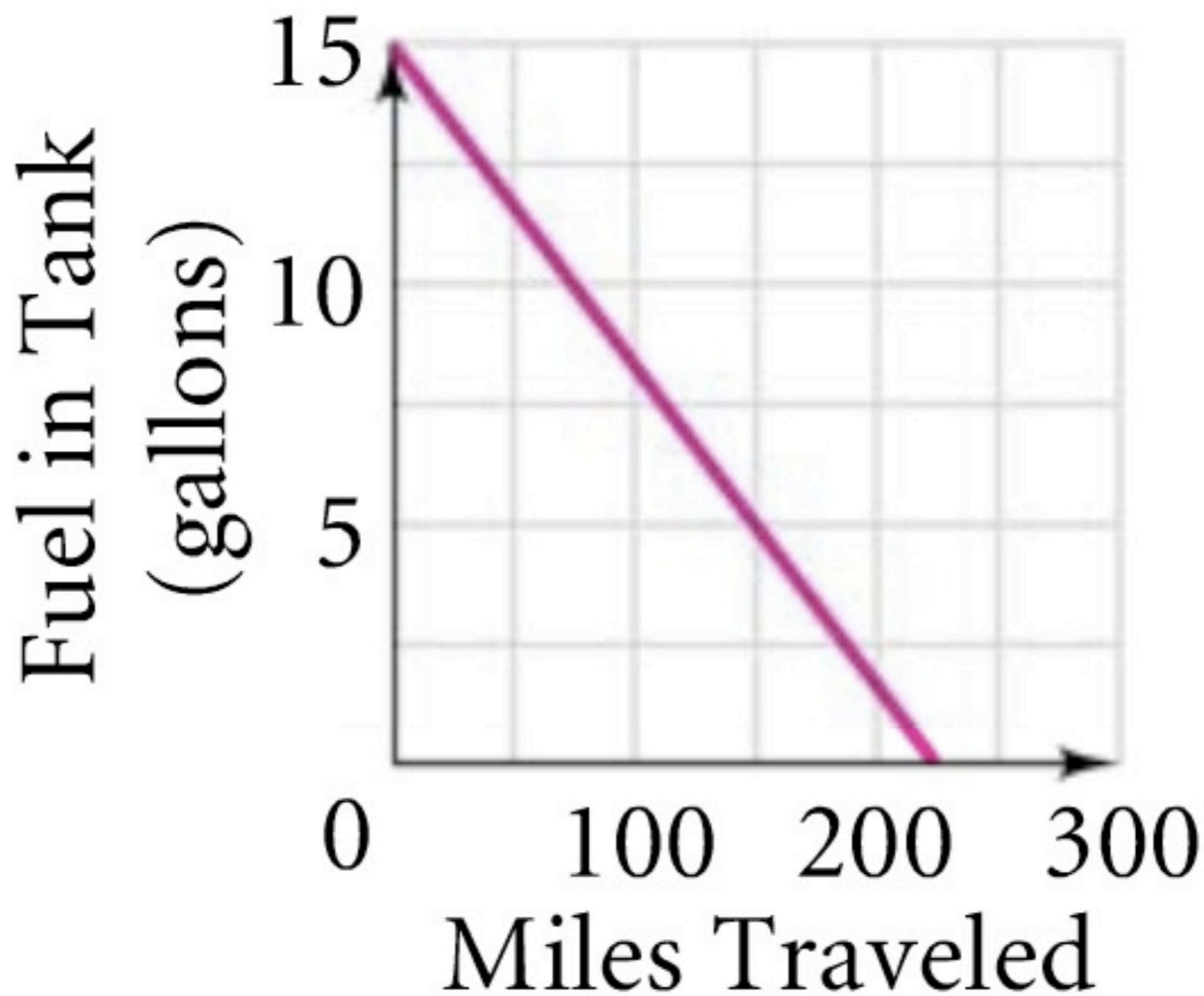








## A Tank of Gas

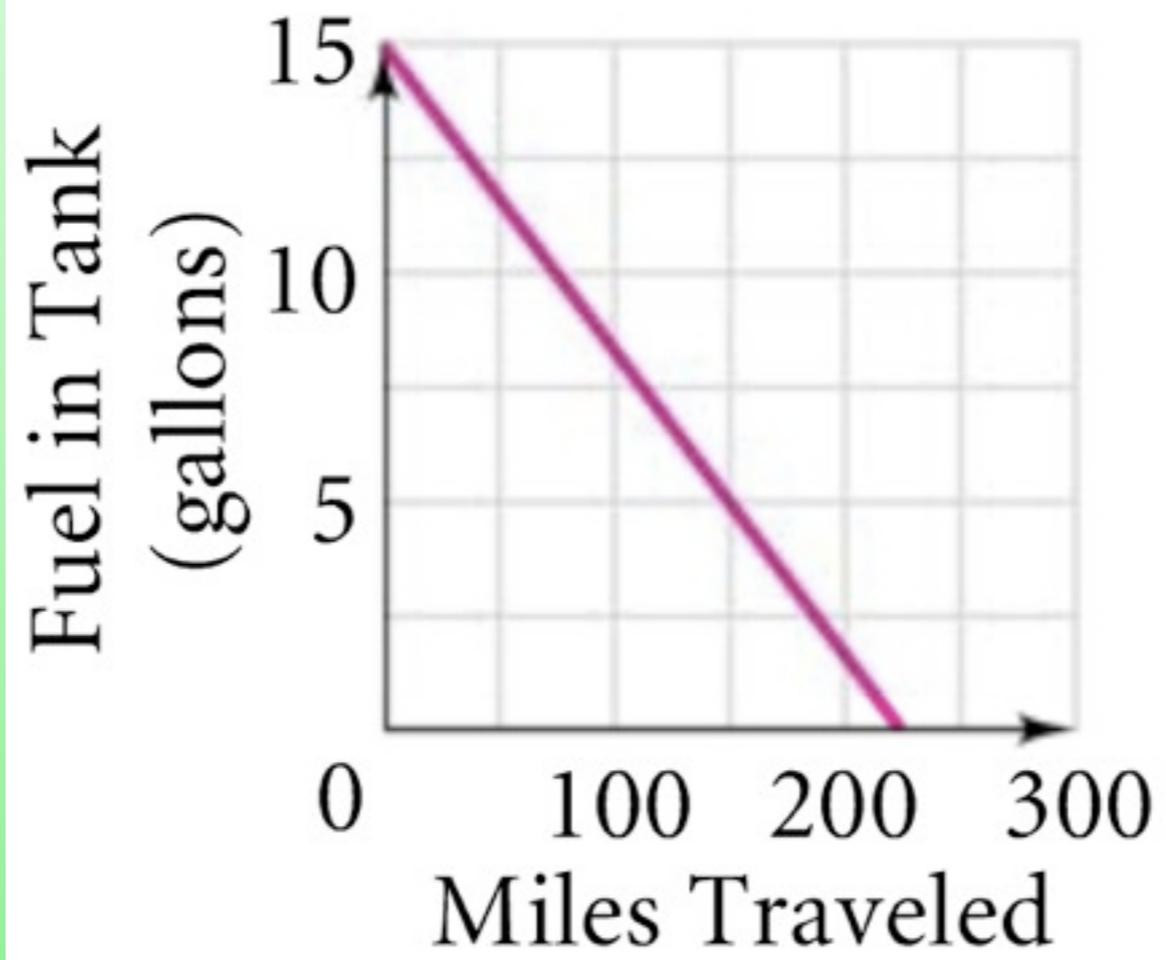


ounces of coffee	12	20	28
cost	\$2.40	\$3.60	\$4.80

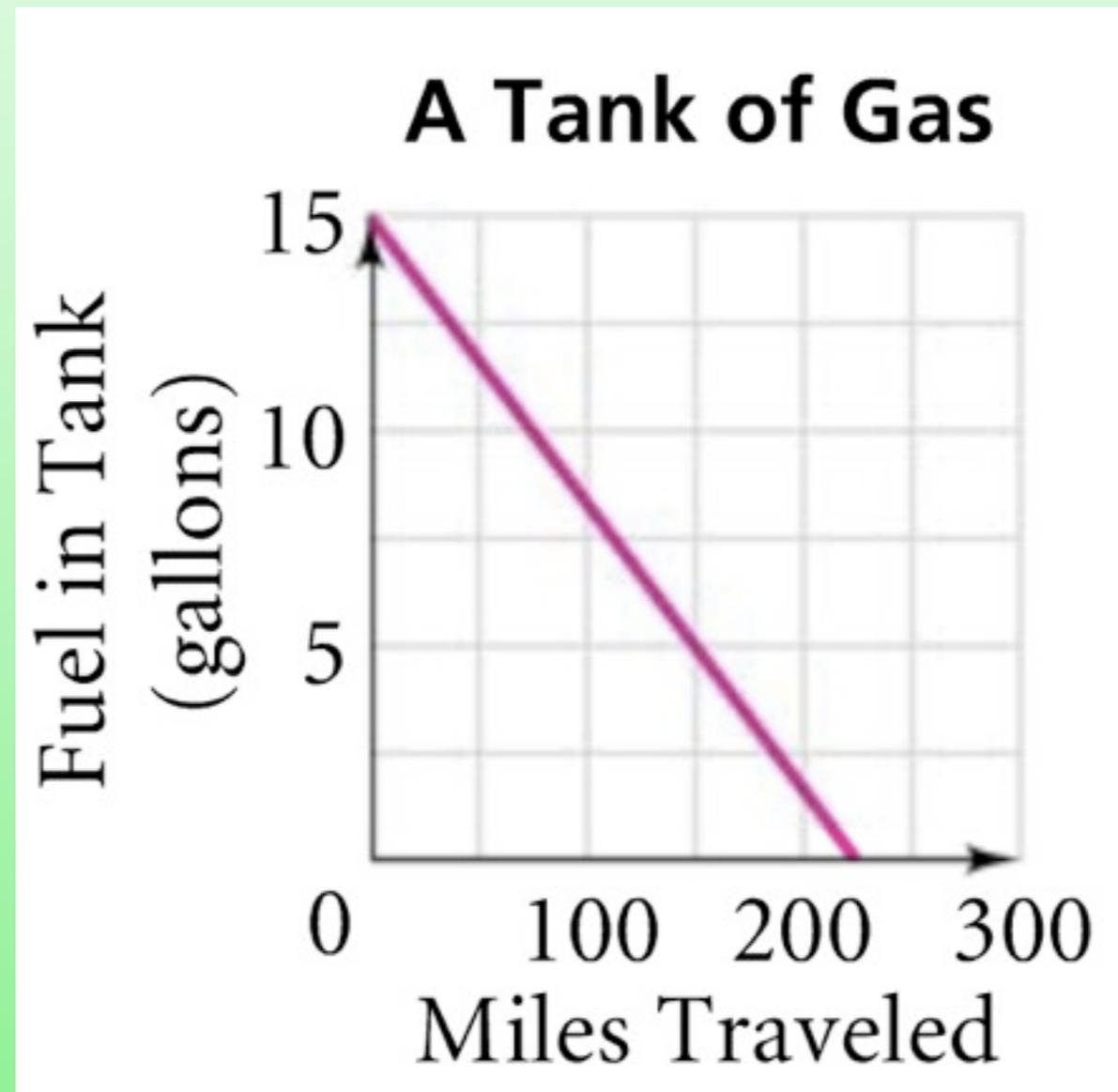
## 2. On Slope

ounces of coffee	12	20	28
cost	\$2.40	\$3.60	\$4.80

### A Tank of Gas

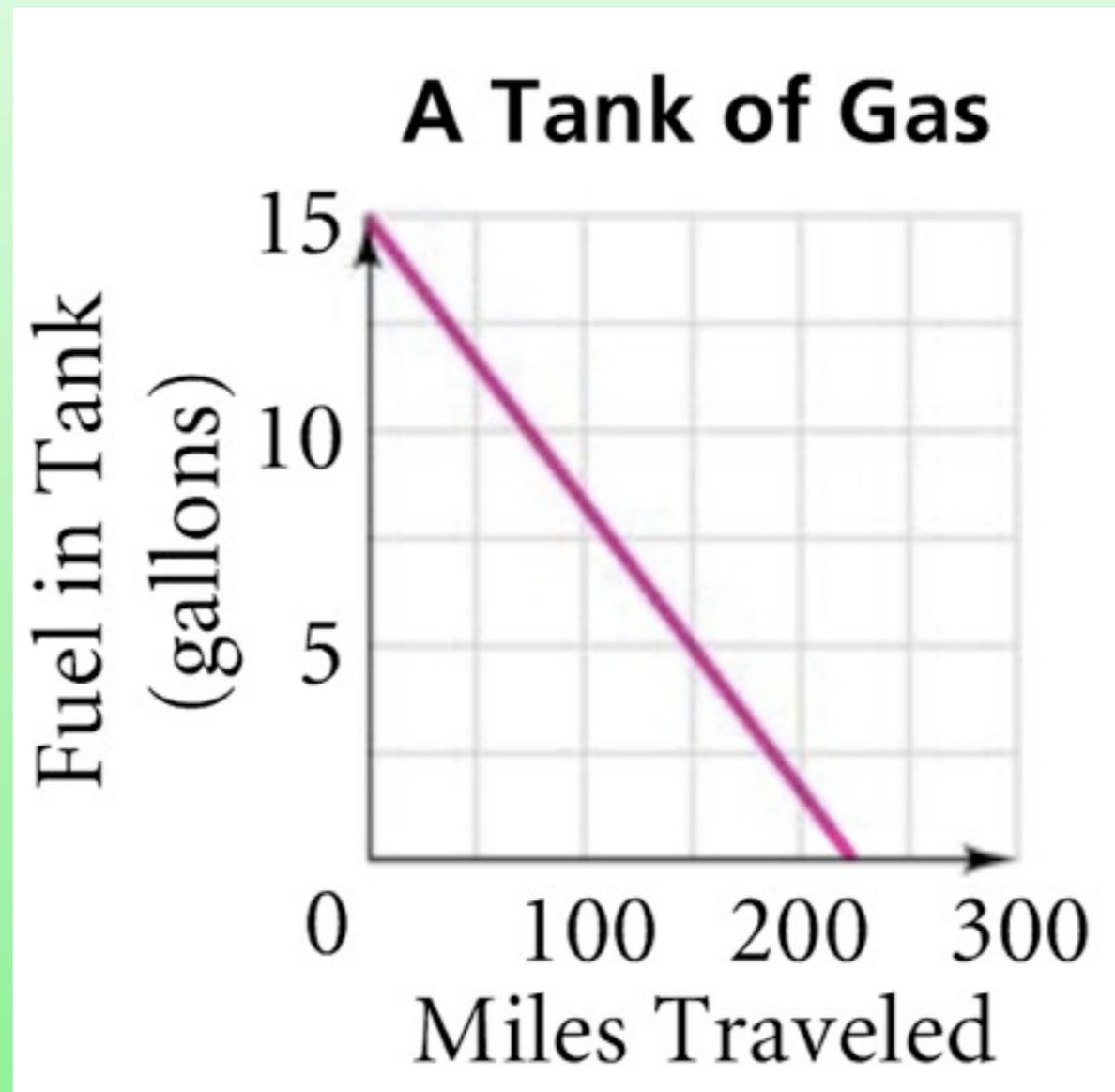


### 3. Classwork



### 3. Classwork

pg. 234 // #1 - 12





## **3. Classwork**

## **3. Classwork**

pg. 234 // #1 - 15

## **3. Classwork**

pg. 234 // #1 - 15

1.  $3^\circ / \text{hr}$

### **3. Classwork**

pg. 234 // #1 - 15

1.  $3^\circ / \text{hr}$

2.  $\$3.95 / \text{person}$

### **3. Classwork**

pg. 234 // #1 - 15

1.  $3^\circ / \text{hr}$
2.  $\$3.95 / \text{person}$
3.  $-.066 \text{ gal} / \text{mile}$

### **3. Classwork**

pg. 234 // #1 - 15

1.  $3^\circ / \text{hr}$
2.  $\$3.95 / \text{person}$
3.  $-.066 \text{ gal} / \text{mile}$
4.  $.66 \text{ lbs} / \text{hr}$

### **3. Classwork**

pg. 234 // #1 - 15

1.  $3^\circ / \text{hr}$
2.  $\$3.95 / \text{person}$
3.  $-.066 \text{ gal} / \text{mile}$
4.  $.66 \text{ lbs} / \text{hr}$
5.  $-16.67 \text{ feet} / \text{sec}$

### 3. Classwork

pg. 234 // #1 - 15

1.  $3^\circ / \text{hr}$
2.  $\$3.95 / \text{person}$
3.  $-.066 \text{ gal} / \text{mile}$
4.  $.66 \text{ lbs} / \text{hr}$
5.  $-16.67 \text{ feet} / \text{sec}$
6.  $25 \text{ ¢} / \text{ounce}$

### 3. Classwork

pg. 234 // #1 - 15

1.  $3^\circ / \text{hr}$
2.  $\$3.95 / \text{person}$
3.  $-.066 \text{ gal} / \text{mile}$
4.  $.66 \text{ lbs} / \text{hr}$
5.  $-16.67 \text{ feet} / \text{sec}$
6.  $25 \text{ ¢} / \text{ounce}$
7.  $1/2$

### 3. Classwork

pg. 234 // #1 - 15

1.  $3^\circ / \text{hr}$
2.  $\$3.95 / \text{person}$
3.  $-.066 \text{ gal} / \text{mile}$
4.  $.66 \text{ lbs} / \text{hr}$
5.  $-16.67 \text{ feet} / \text{sec}$
6.  $25 \text{ ¢} / \text{ounce}$
7.  $1/2$
8.  $-3$

### 3. Classwork

pg. 234 // #1 - 15

1.  $3^\circ / \text{hr}$
2.  $\$3.95 / \text{person}$
3.  $-.066 \text{ gal} / \text{mile}$
4.  $.66 \text{ lbs} / \text{hr}$
5.  $-16.67 \text{ feet} / \text{sec}$
6.  $25 \text{ ¢} / \text{ounce}$
7.  $1/2$
8.  $-3$
9.  $2/3$

### 3. Classwork

pg. 234 // #1 - 15

1.  $3^\circ / \text{hr}$
2.  $\$3.95 / \text{person}$
3.  $-.066 \text{ gal} / \text{mile}$
4.  $.66 \text{ lbs} / \text{hr}$
5.  $-16.67 \text{ feet} / \text{sec}$
6.  $25 \text{ ¢} / \text{ounce}$
7.  $1/2$
8.  $-3$
9.  $2/3$
10.  $2$

### 3. Classwork

pg. 234 // #1 - 15

1.  $3^\circ / \text{hr}$
2.  $\$3.95 / \text{person}$
3.  $-.066 \text{ gal} / \text{mile}$
4.  $.66 \text{ lbs} / \text{hr}$
5.  $-16.67 \text{ feet} / \text{sec}$
6.  $25 \text{ ¢} / \text{ounce}$
7.  $1/2$
8.  $-3$
9.  $2/3$
10.  $2$
11.  $-2$

### 3. Classwork

pg. 234 // #1 - 15

1.  $3^\circ / \text{hr}$
2.  $\$3.95 / \text{person}$
3.  $-.066 \text{ gal} / \text{mile}$
4.  $.66 \text{ lbs} / \text{hr}$
5.  $-16.67 \text{ feet} / \text{sec}$
6.  $25 \text{ ¢} / \text{ounce}$
7.  $1/2$
8.  $-3$
9.  $2/3$
10.  $2$
11.  $-2$
12.  $3/4$

### 3. Classwork

pg. 234 // #1 - 15

1.  $3^\circ / \text{hr}$
2.  $\$3.95 / \text{person}$
3.  $-.066 \text{ gal} / \text{mile}$
4.  $.66 \text{ lbs} / \text{hr}$
5.  $-16.67 \text{ feet} / \text{sec}$
6.  $25 \text{ ¢} / \text{ounce}$
7.  $1/2$
8.  $-3$
9.  $2/3$
10.  $2$
11.  $-2$
12.  $3/4$
13.  $-3/2$

### 3. Classwork

pg. 234 // #1 - 15

1.  $3^\circ / \text{hr}$
2.  $\$3.95 / \text{person}$
3.  $-.066 \text{ gal} / \text{mile}$
4.  $.66 \text{ lbs} / \text{hr}$
5.  $-16.67 \text{ feet} / \text{sec}$
6.  $25 \text{ ¢} / \text{ounce}$
7.  $1/2$
8.  $-3$
9.  $2/3$
10.  $2$
11.  $-2$
12.  $3/4$
13.  $-3/2$
14.  $-1$

### 3. Classwork

pg. 234 // #1 - 15

1.  $3^\circ / \text{hr}$
2.  $\$3.95 / \text{person}$
3.  $-.066 \text{ gal} / \text{mile}$
4.  $.66 \text{ lbs} / \text{hr}$
5.  $-16.67 \text{ feet} / \text{sec}$
6.  $25 \text{ ¢} / \text{ounce}$
7.  $1/2$
8.  $-3$
9.  $2/3$
10.  $2$
11.  $-2$
12.  $3/4$
13.  $-3/2$
14.  $-1$
15.  $1$



## **4. Break**

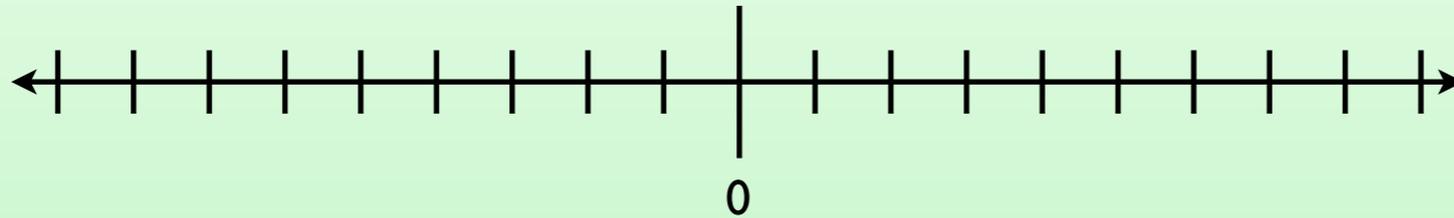
**4. Break**

**5. Show and Tell**

## **6. Basketball**

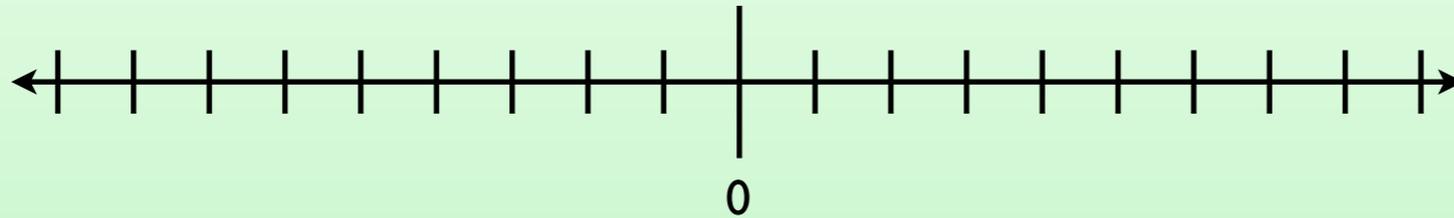
## 6. Basketball

Graph:  $-2x - 8 \geq 2$

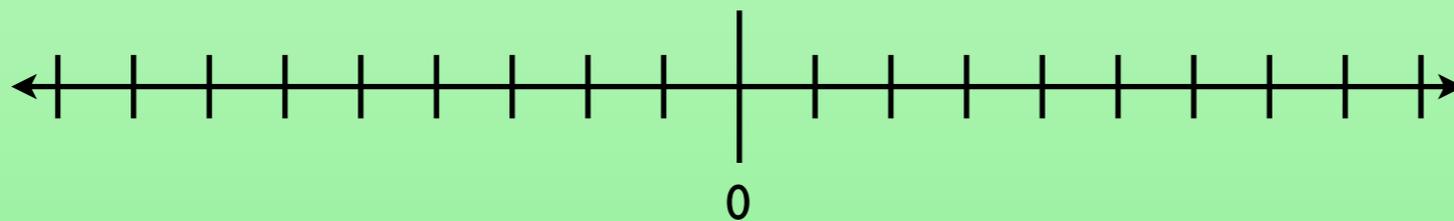


## 6. Basketball

Graph:  $-2x - 8 \geq 2$



Graph:  $5 - |x + 3| < 2$



## **6. Basketball**

## **6. Basketball**

Give a counter example for the statement:

“No city in California has a ‘p’ in its name.”

## **6. Basketball**

Give a counter example for the statement:

“No city in California has a ‘p’ in its name.”

Give a counter example for the statement:

“No African-American has ever been elected President of the USA.”

## 6. Basketball

Give a counter example for the statement:

"No city in California has a 'p' in its name."

Give a counter example for the statement:

"No African-American has ever been elected President of the USA."

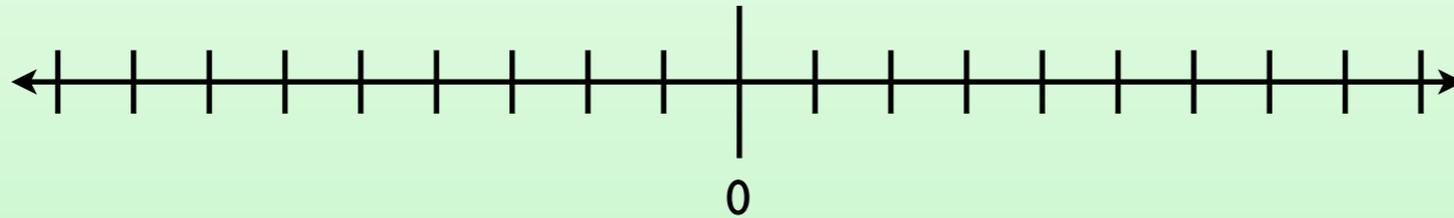
Give a counter example for the statement:

"No person in this class stands taller than six feet."

## **6. Basketball**

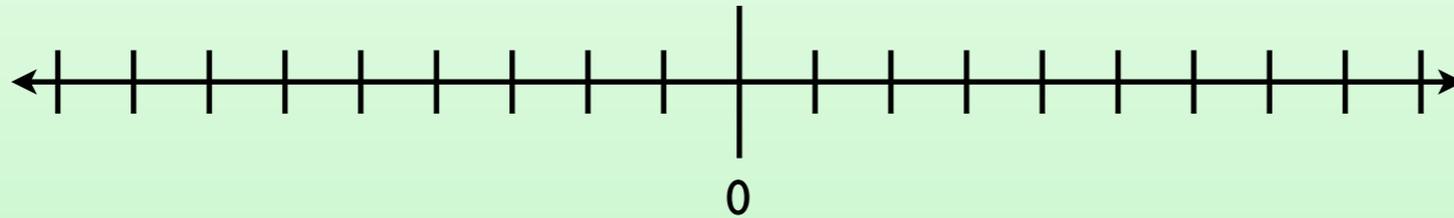
## 6. Basketball

Graph:  $8 - 3x \leq 11$

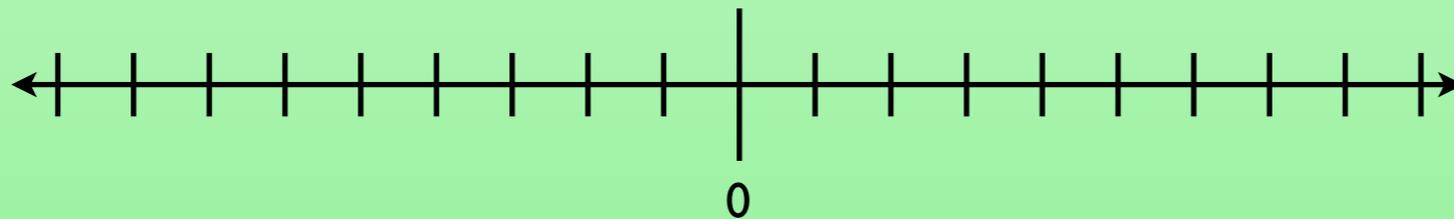


## 6. Basketball

Graph:  $8 - 3x \leq 11$



Graph:  $|3 - x| < 4$



## **6. Basketball**

## **6. Basketball**

Give a counter example for the statement:

“Every continent has an ‘r’ in its name”

## 6. Basketball

Give a counter example for the statement:

“Every continent has an ‘r’ in its name”

Give a counter example for the statement:

“Every pair of positive integers adds up to an even integer.”

## 6. Basketball

Give a counter example for the statement:

"Every continent has an 'r' in its name"

Give a counter example for the statement:

"Every pair of positive integers adds up to an even integer."

Give a counter example for the statement:

"None of the United States have a 'z' in its name."



# 7. Concept Quiz

## 8. Homework

### Practice

x	7	10	13	16	19	
y	20	50				800

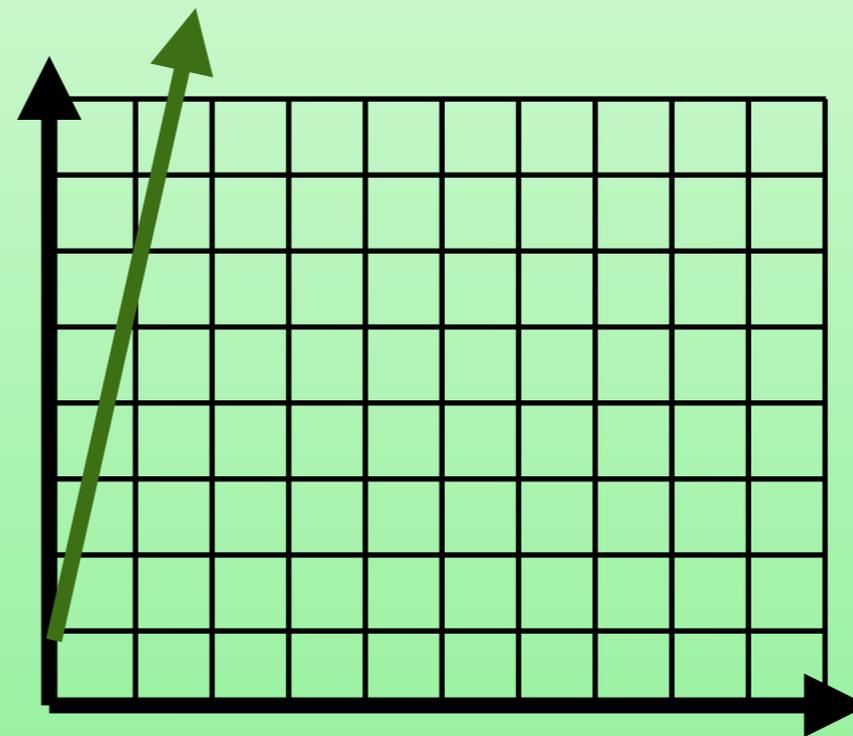
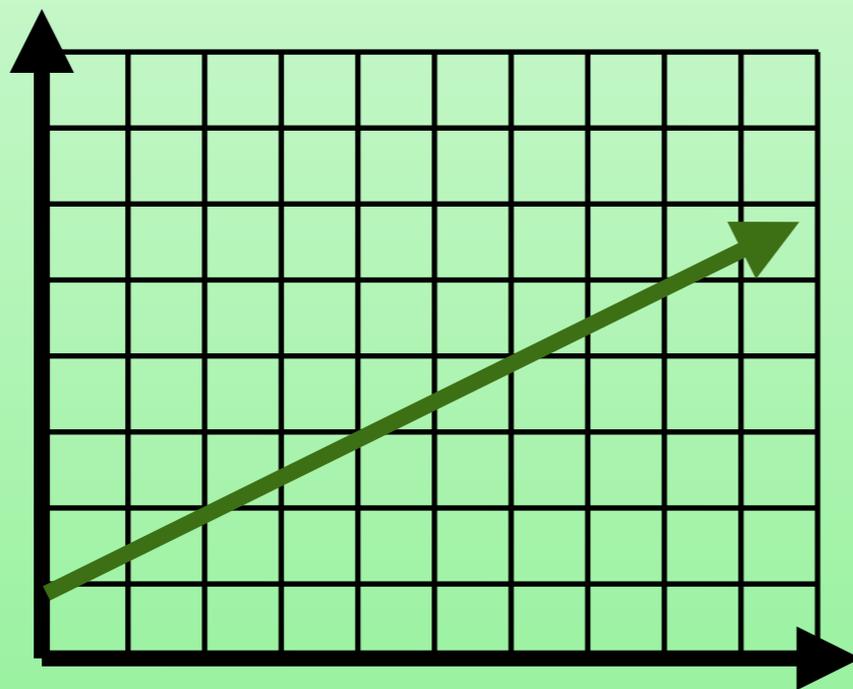
### Challenge

x	10	14	18	22	26	
y	17	9				153

# Day 29

$$7x - 4 \leq -32$$

x	5	11	40	
y	24	0		80

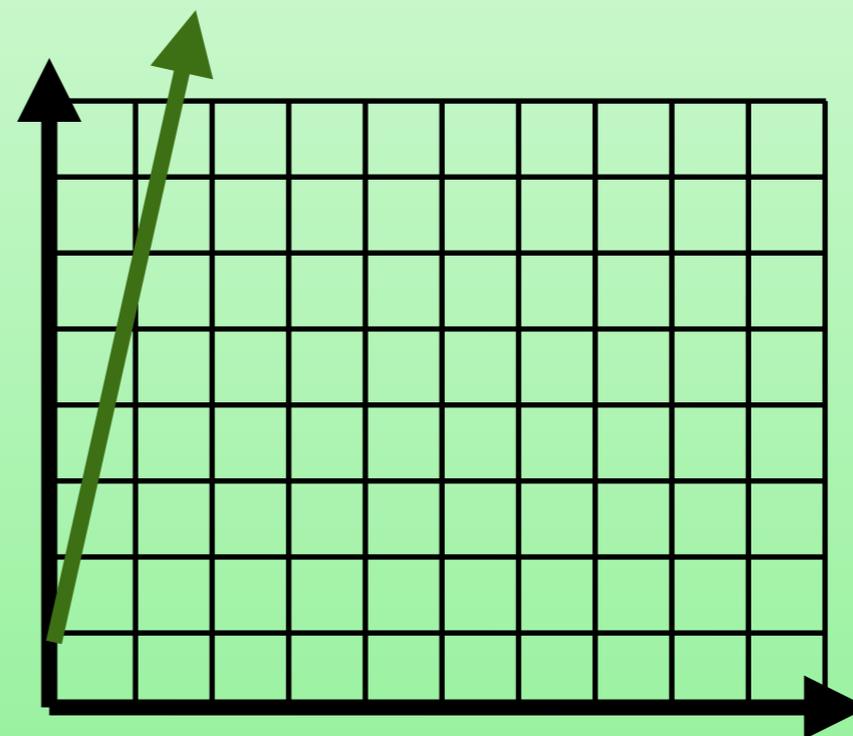
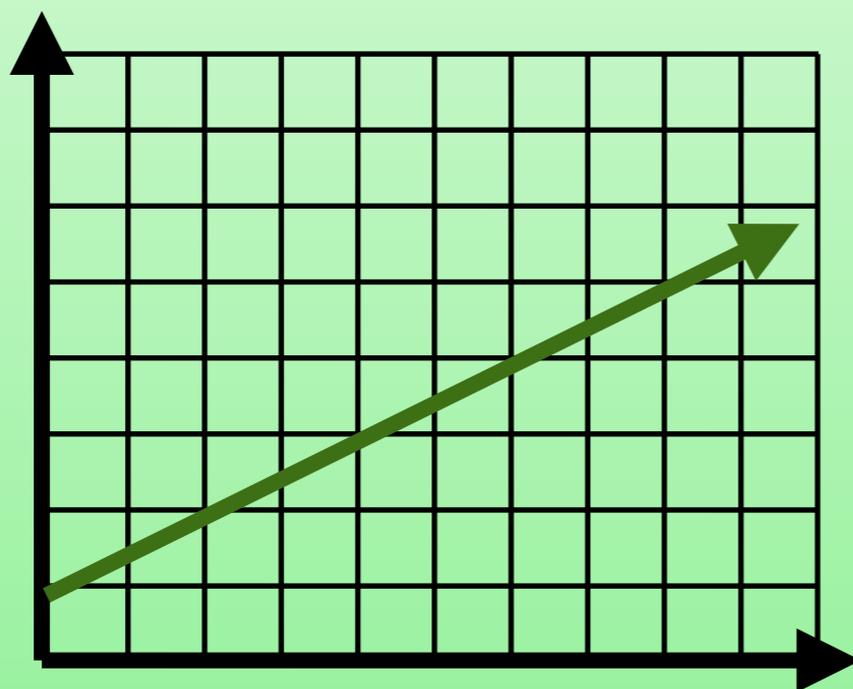


# Day 29

## 1. Opener

$$7x - 4 \leq -32$$

x	5	11	40	
y	24	0		80

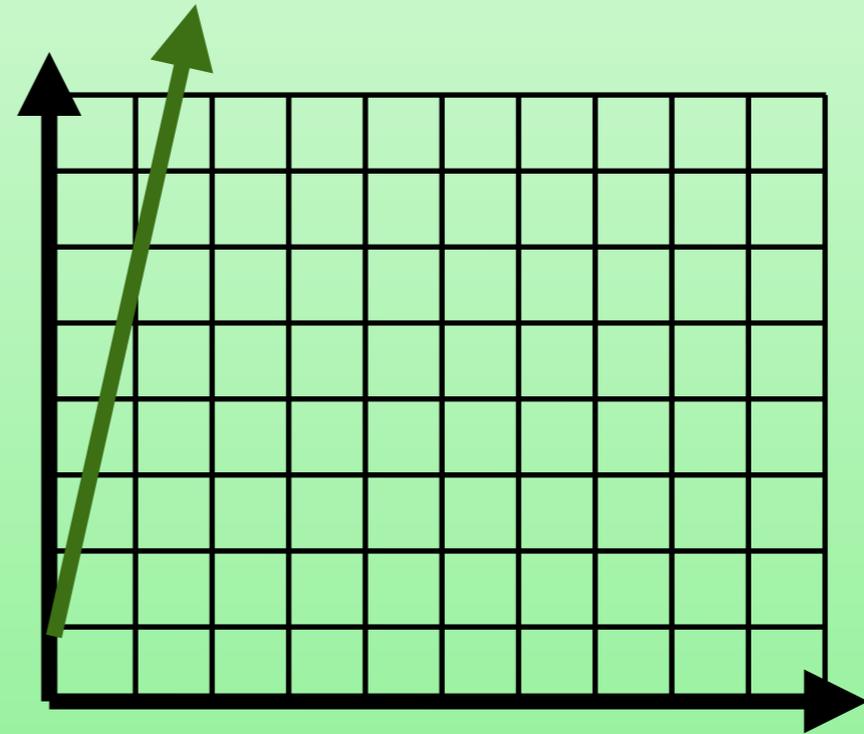
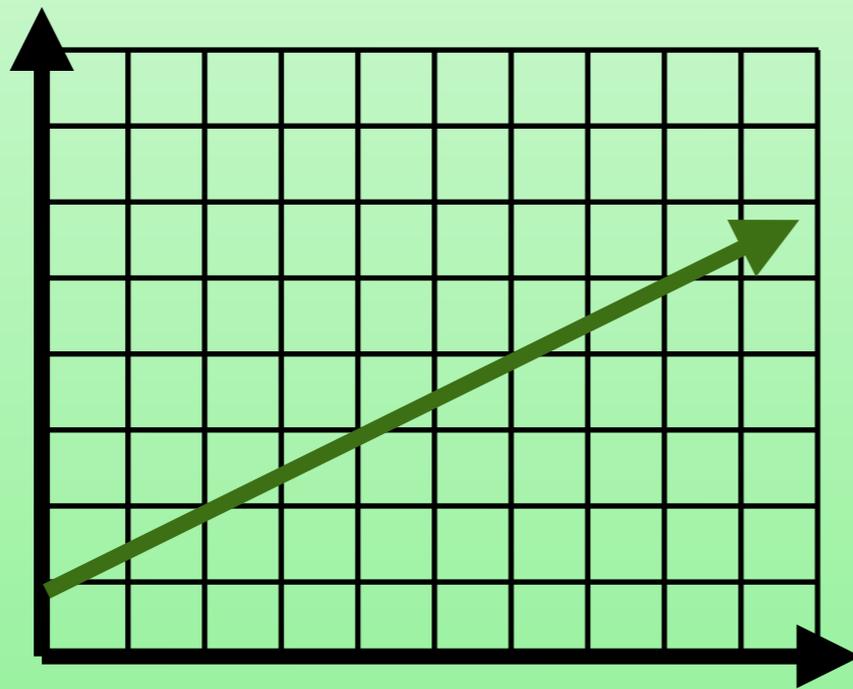


# Day 29

## 1. Opener

a) Graph:  $7x - 4 \leq -32$

x	5	11	40	
y	24	0		80



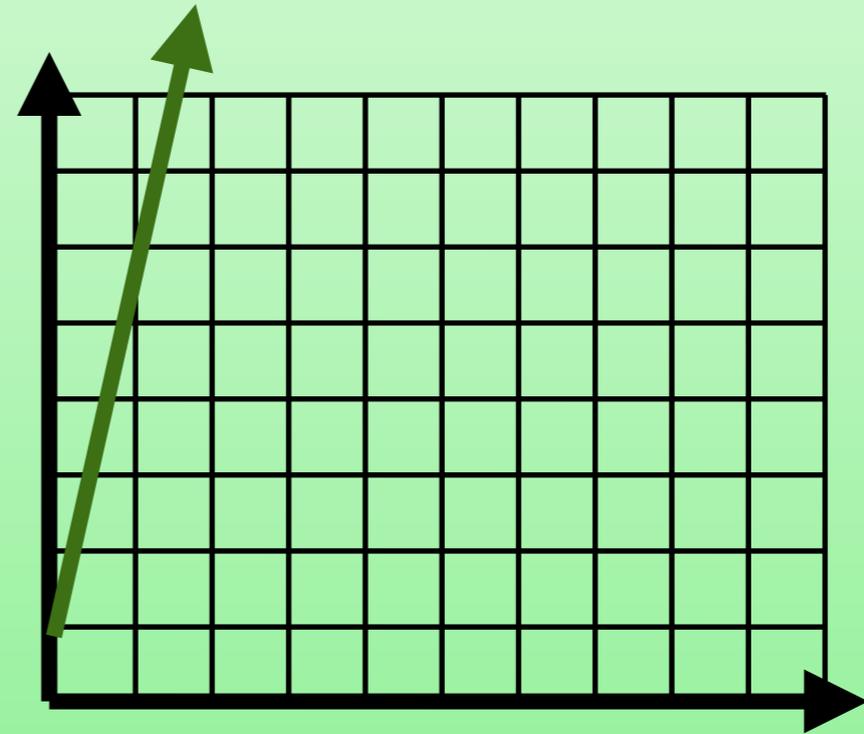
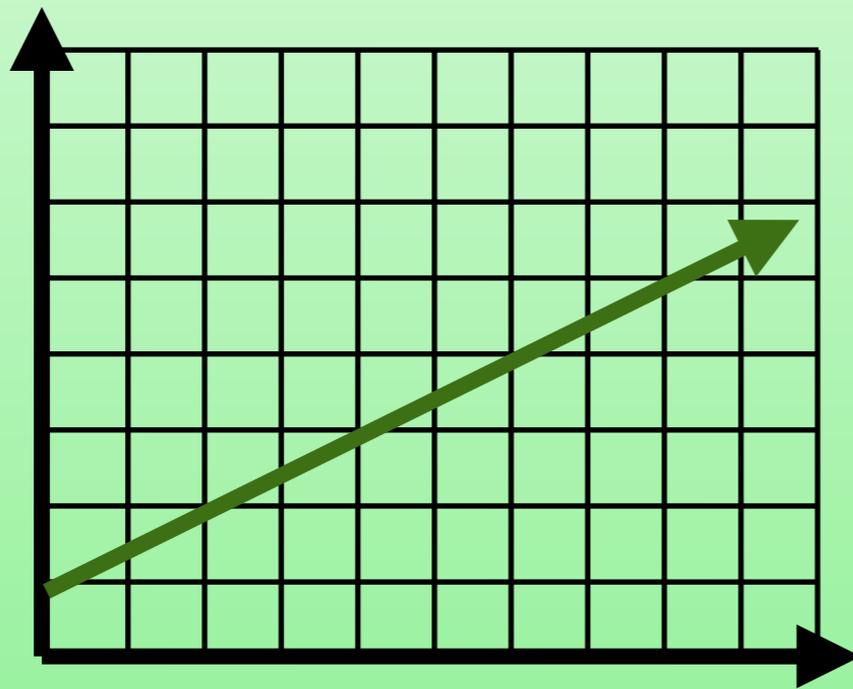
# Day 29

## 1. Opener

a) Graph:  $7x - 4 \leq -32$

What is the relationship for b-d?

x	5	11	40		
y	24	0		80	



# Day 29

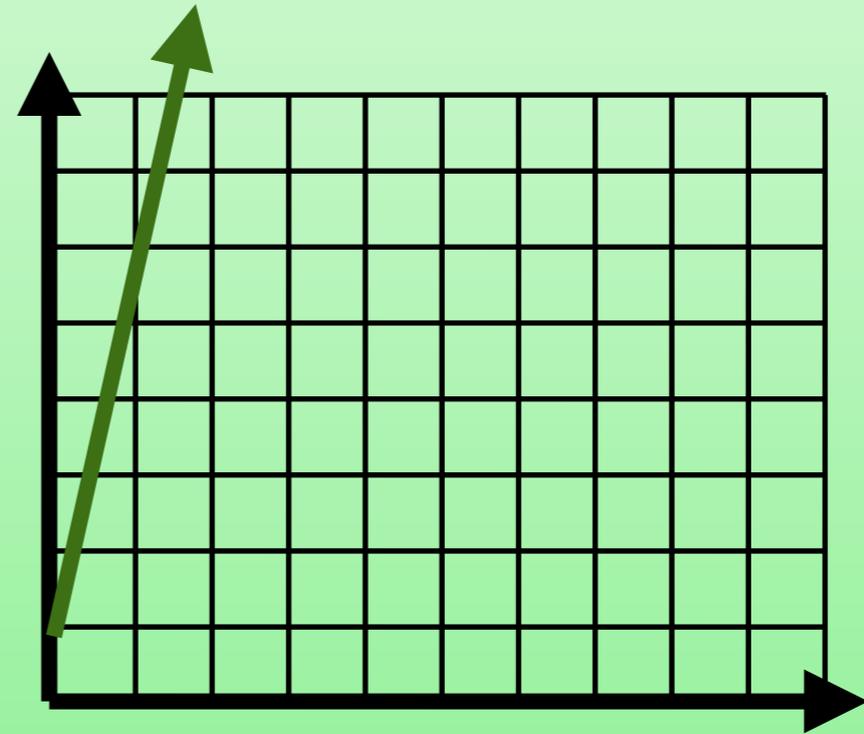
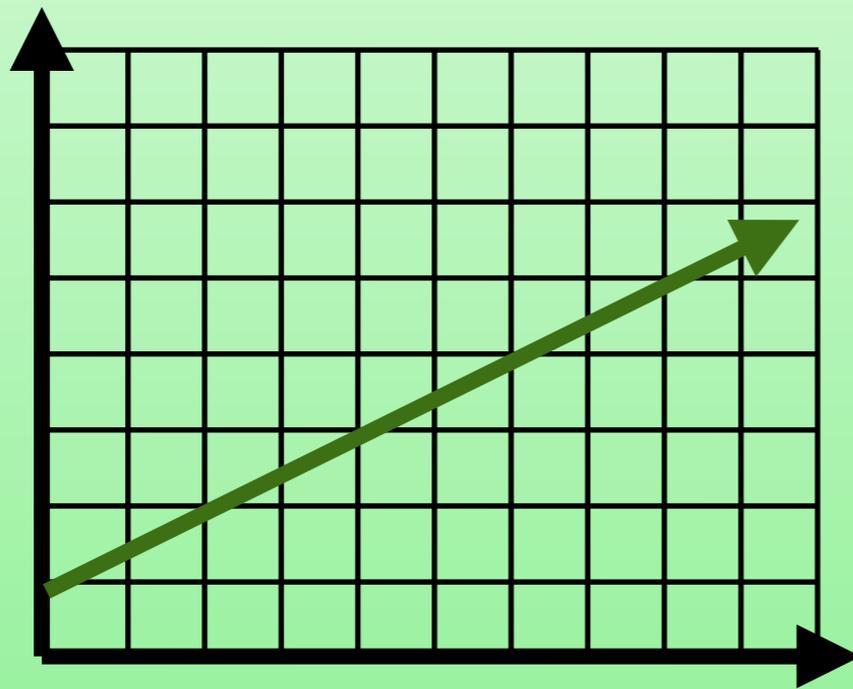
## 1. Opener

a) Graph:  $7x - 4 \leq -32$

What is the relationship for b-d?

b)

x	5	11	40		
y	24	0		80	



# Day 29

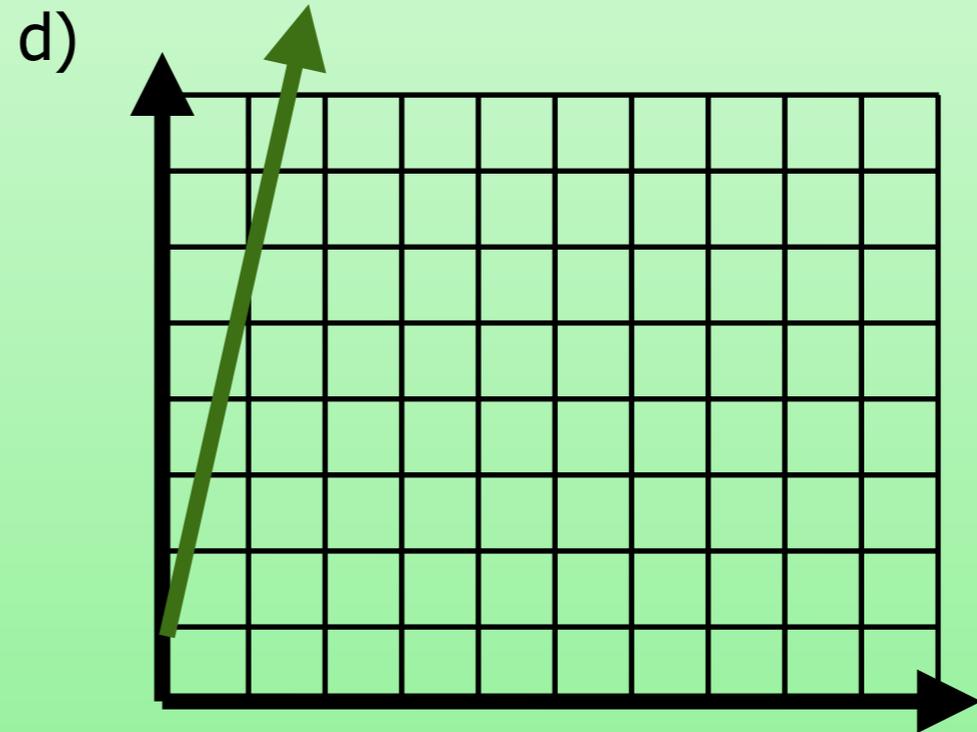
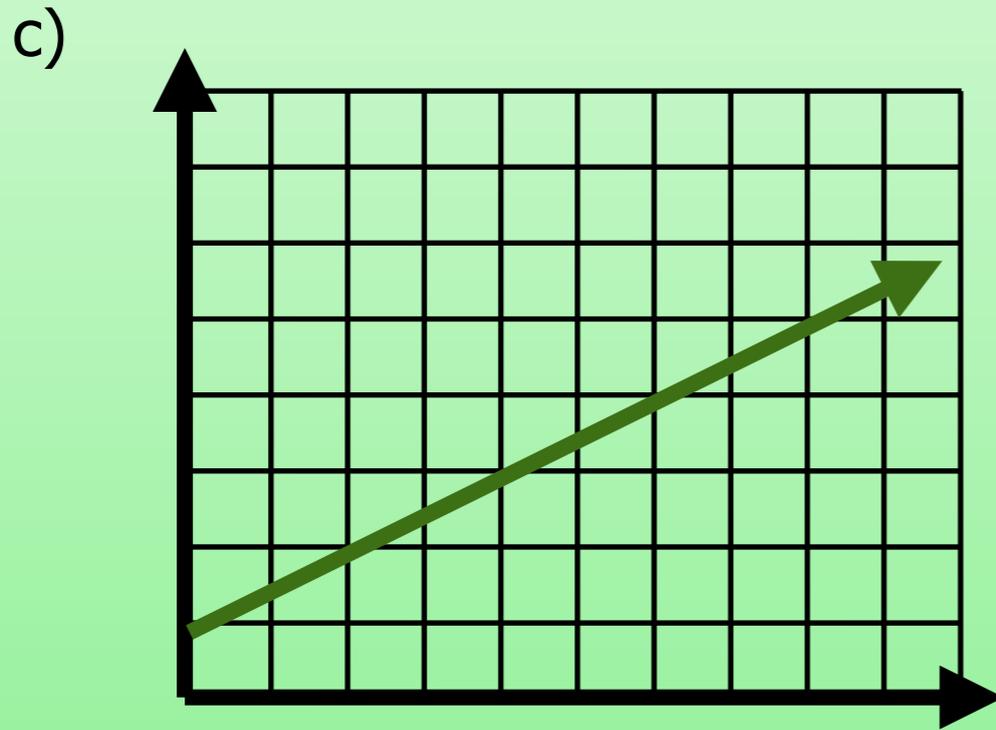
## 1. Opener

a) Graph:  $7x - 4 \leq -32$

What is the relationship for b-d?

b)

x	5	11	40		
y	24	0		80	



# Day 29

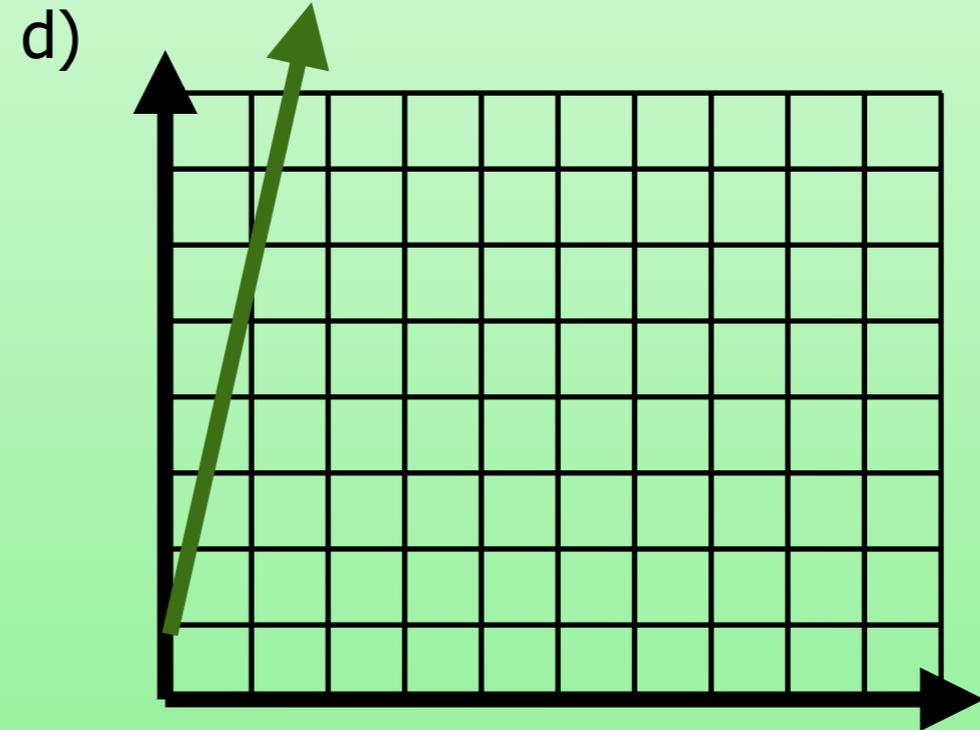
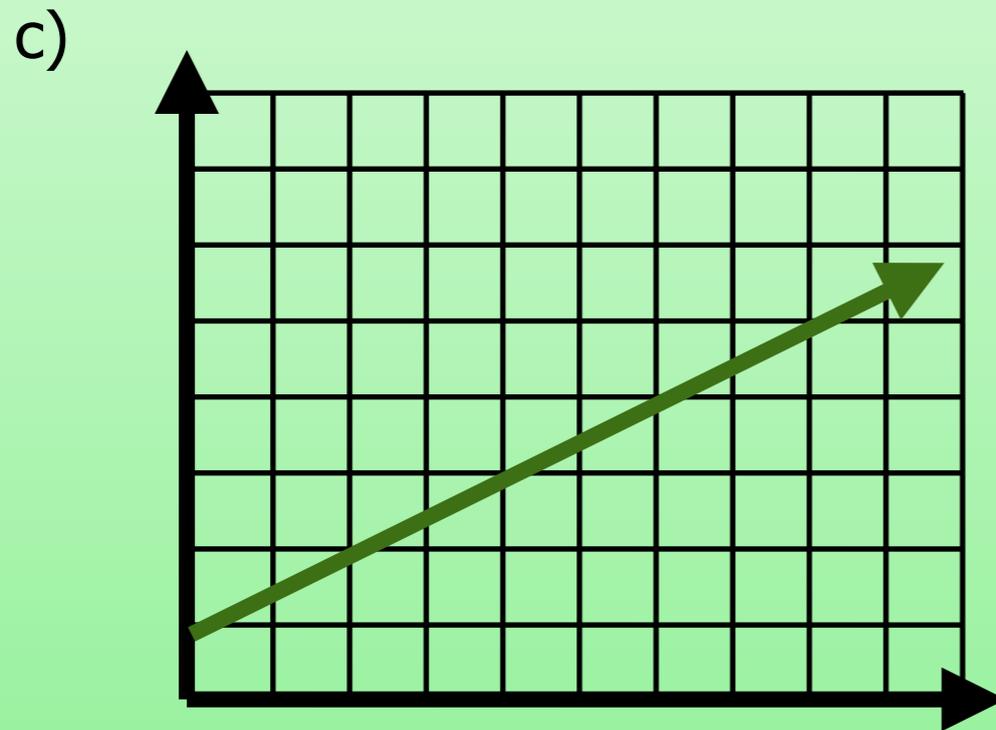
## 1. Opener

a) Graph:  $7x - 4 \leq -32$

What is the relationship for b-d?

b)

x	5	11	40	
y	24	0	80	



d) What is the average American IQ? What country has the highest IQ and what is it?

## 5. Homework

### Practice

x	7	10	13	16	19	
y	20	50				800

### Challenge

x	10	14	18	22	26	
y	17	9				153



Friday, 11/07/08:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	AVG
<b>Fourth</b>	75	85	95	100	65	81	85	60	11							73
<b>Sixth</b>	95	68	95	95	59	73	91	64	29							74



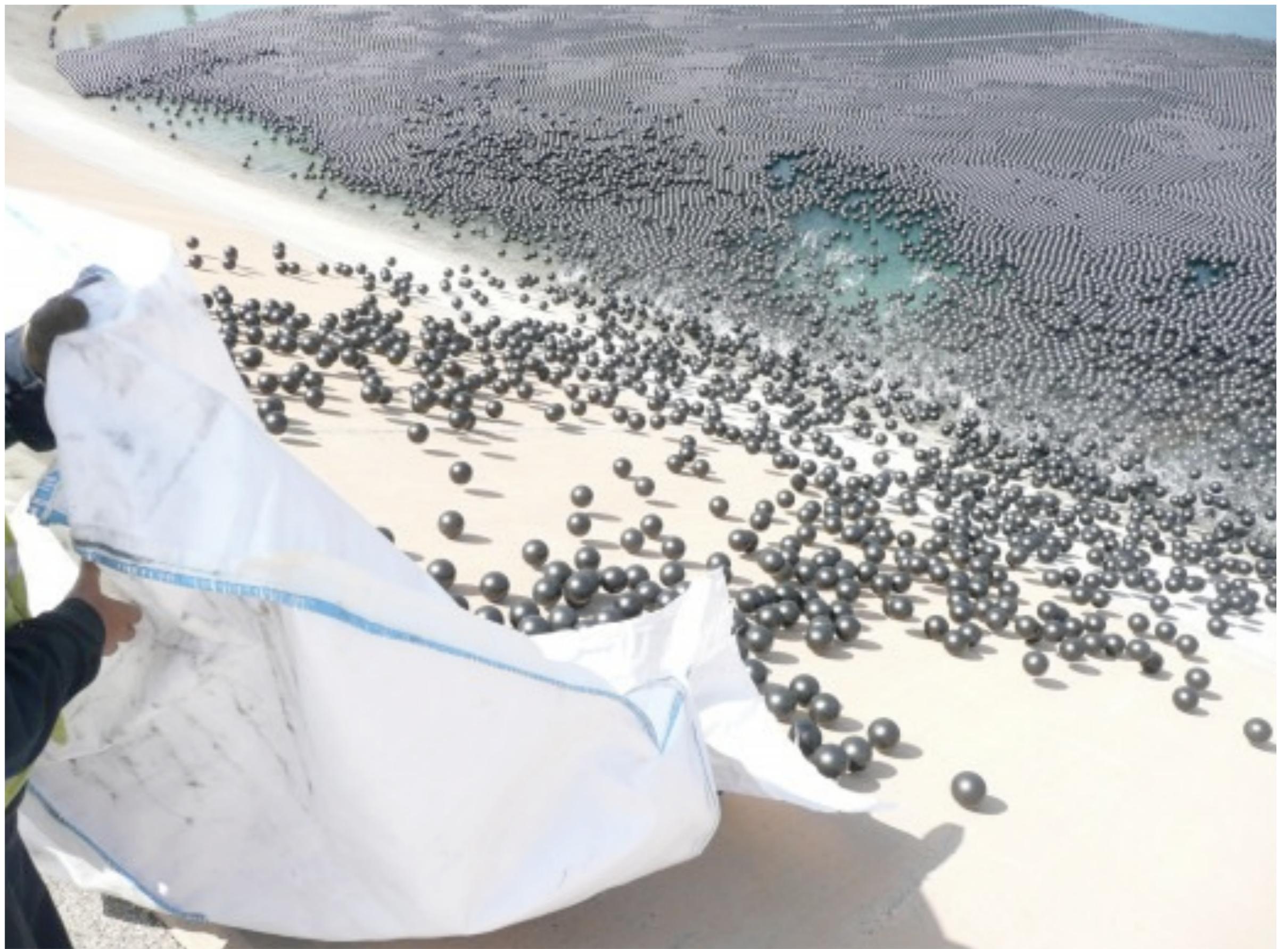












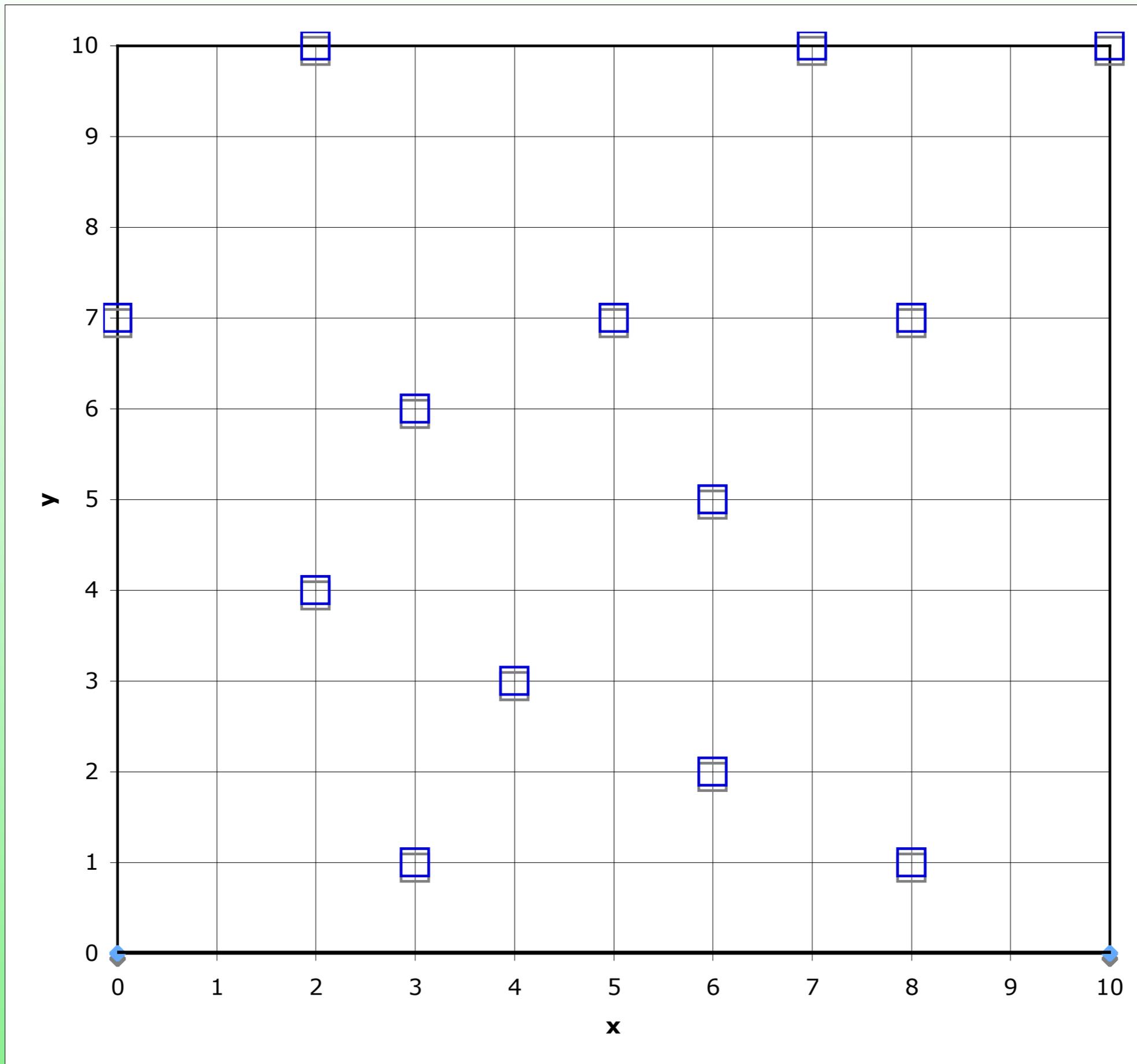




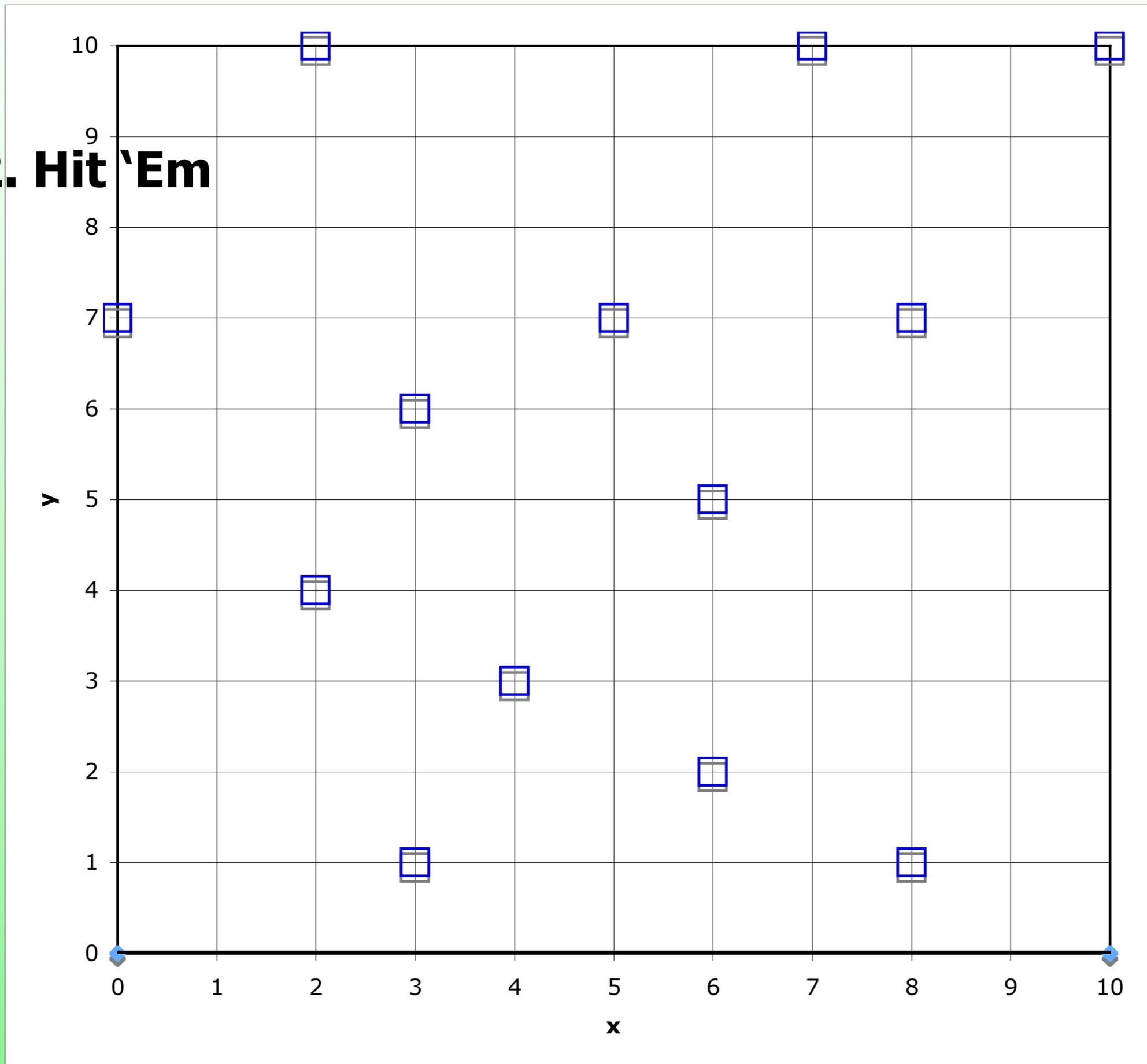


previous photo





## 2. Hit 'Em





## **3. Jet Plane**