

Name: fondi faji

Solanum Virus Loose in East Lansing

3/1/12 BREAKING NEWS: Strange behavior at Michigan State University last week has been linked to a new virus, called *Solanum*, being researched in university labs. University officials are strongly advising that students remain in their homes and away from anyone who may be infected. Those who have been infected can be distinguished from others by a distinct red mark on their hands. Anyone with these red marks is infected.

Zombies must infect at least one other person per day in order to stay alive. It is expected that the virus will spread next to neighboring towns and cities.

Zombies Present in Local High Schools

3/5/12 BREAKING NEWS: Due to the high number of MSU Interns at J.W. Sexton High School, the local Big Reds have been quarantined in their classrooms to decrease the chance of Solanum spreading to the rest of Lansing. Students in math classes may be at a higher risk, since the virus has been extremely active amongst math teachers at MSU. Classes that should be extremely cautious are Ms. O'Rielly's 1st and 6th hour classes, as well as Ms. Krueger's 3rd and 4th hour.

TRACKING THE DISEASE

Fill in the table depending on the number of students infected each day by Solanum in Ms. O'Rielly's class.

Days	# of People
	Infected
Day 1	1
Day 2	2
Day 3	И
Day 4	8
Day 5	6
Day 6	32
Day 7	64
Day 8	128
Day 9	256
Day 10	Sla

Fill in the table depending on the number of students infected each day by Solanum in both Ms. O'Rielly's and Ms. Krueger's class.

Days	# of People
	Infected
Day 1	2
Day 2	
Day 3	8
Day 4	16
Day 5	32
Day 6	64
Day 7	128/
Day 8	256
Day 9	512
Day 10	1501

2. There are currently 7 MSU interns at Sexton today. Make a table and graph that will help us to figure out how many days until all of Sexton is infected, if all 7 interns have Solanum.

Days	# of People	martin Apricania
	Infected	, popular mistro-p
, company	7	Amen Reference and
2	14	
3	28	Andrew Control of the
	(6	Contract Section (Contract Contract Con
5	11/2	
6.	224	90
P	448	30 for the same of

3. Do Zombie Attacks appear to be linear or exponential? Why?

The Zombie officers affer to be linear.

4. What patterns did you see when filling in the tables, drawing the graphs, and writing equations?

Y multiplys by 2

Solanum Virus Loose in East Lansing

Name: 60000 Russ

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Days	# of People
	Infected
Day 1	1
Day 2	2
Day 3	Ч
Day 4	F
Day 5	16
Day 6	32
Day 7	64
Day 8	128
Day 9	256
Day 10	

Fill in the table depending on the number of students infected each day by Solanum in both Ms. O'Rielly's and Ms. Krueger's class.

Days	# of People Infected
Day 1	2
Day 2	4
Day 3	Š
Day 4	
Day 5	30.
Day 6	64
Day 7	1281
Day 8	9 F. J. G
Day 9	512
Day 10	1,024

lame:			

- 1. If Ms. O'Rielly and Ms. Krueger have 128 Algebra I students, how many days until they are all infected?
- 2. There are currently 7 MSU interns at Sexton today. Make a table and graph that will help us to figure out how many days until all of Sexton is infected, if all 7 interns have Solanum.

Days	# of People Infected
	and the similar
Q.	
3	20
	56
5	112
6	224
Annual S.	448

3. Do Zombie Attacks appear to be linear or exponential? Why?

exponential

4. What patterns did you see when filling in the tables, drawing the graphs, and writing equations?

everything multiplies by 2.

Name: Delace Alle

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Days	# of People
	Infected
Day 1	1
Day 2	2
Day 3	
Day 4	Grand Control of the
Day 5	16
Day 6	Mar.
Day 7	64
Day 8	128
Day 9	2-56
Day 10	512

Fill in the table depending on the number of students infected each day by Solanum in both Ms. O'Rielly's and Ms. Krueger's class.

Days	# of People
	Infected
Day 1	2
Day 2	
Day 3	8
Day 4	i (a
Day 5	32
Day 6	64
Day 7	128
Day 8	256
Day 9	512
Day 10	1024

Name:				

7 days until they are all in fected.

2. There are currently 7 MSU interns at Sexton today. Make a table and graph that will help us to figure out how many days until all of Sexton is infected, if all 7 interns have Solanum.

Days	# of People Infected	
(Sopratti	1	
	11	All
7	20	
A 50 - 20 - 20 - 20 - 20 - 20 - 20 - 20 -	56	54
	112	CET /
l	224	tot /
replace to	448	
		1134 967 8 96

3. Do Zombie Attacks appear to be linear or exponential? Why?

linear because it sust musticess

4. What patterns did you see when filling in the tables, drawing the graphs, and writing equations?

The Younger was nothing by 2.

10/12

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Name: Carthy

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Fill in the table depending on the number of students infected each day by Solanum in Ms. O'Rielly's class.

Days	# of People
	Infected
Day 1	1
Day 2	3
Day 3	Рe
Day 4	98
Day 5	16
Day 6	32
Day 7	64
Day 8	128
Day 9	256
Day 10	510

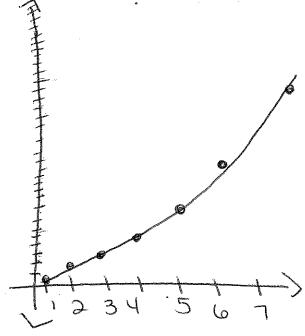
Fill in the table depending on the number of students infected each day by Solanum in both Ms. O'Rielly's and Ms. Krueger's class.

Days	# of People
	Infected
Day 1	2
Day 2	Ч
Day 3	8
Day 4	16
Day 5	32
Day 6	64
Day 7	198
Day 8	a56
Day 9	512
Day 10	1094

2. There are currently 7 MSU interns at Sexton today. Make a table and graph that will help us to figure out how

many days until all c	of Sexton is infected,	if all 7 interns	have Solanum.
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Days	# of People
	Infected
·	***************************************
9	14
3	98
4	56
5	119
6	1224
	448

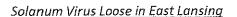


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Decause

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) scurved.







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Days	# of People
	Infected
Day 1	1
Day 2	a
Day 3	4
Day 4	8
Day 5	10
Day 6	30
Day 7	6.4
Day 8	10/0
Day 9	JŚW
Day 10	5W

Fill in the table depending on the number of students infected each day by Solanum in both Ms. O'Rielly's and Ms. Krueger's class.

Days	# of People
	Infected
Day 1	2
Day 2	4.
Day 3	8
Day 4	10
Day 5	30
Day 6	64
Day 7	108
Day 8	250
Day 9	512
Day 10	1004

7 days

2. There are currently 7 MSU interns at Sexton today. Make a table and graph that will help us to figure out how many days until all of Sexton is infected, if all 7 interns have Solanum.

Days	# of People Infected	9		days
gggMates	No. of the last of	i de la constant		
ð	49	14		
2	98	98		
4	1000			
mol	did			
Vo -	404			
eparate de la constante de la	848			

3. Do Zombie Attacks appear to be linear or exponential? Why?

45 the number that it is by

4. What patterns did you see when filling in the tables, drawing the graphs, and writing equations?

That it is all the same.

ana all 1+15 double.



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Name:_____

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Days	# of People
	Infected
Day 1	1
Day 2	2
Day 3	4
Day 4	8
Day 5	16
Day 6	
Day 7	
Day 8	
Day 9	
Day 10	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

Fill in the table depending on the number of students infected each day by Solanum in both Ms. O'Rielly's and Ms. Krueger's class.

	1
Days	# of People
	Infected
Day 1	
Day 1	2
Day 2	1 1 1
04, 2	
Day 3	
	δ
Day 4	16
D-115	+-57
Day 5	700
Day 6	14
Dayo	
Day 7	
Day 8	
Day 9	
D 10	
Day 10	
L	

2. There are currently 7 MSU interns at Sexton today. Make a table and graph that will help us to figure out how many days until all of Sexton is infected, if all 7 interns have Solanum.

of People
Infected
7
4
9 X
(Db
210
424
848

Sina holf days

Exponential Caux if * 5 the number that

4. What patterns did you see when filling in the tables, drawing the graphs, and writing equations?

That it is all the save

10/10

<u>Solanum Virus Loose in East Lansing</u>

Name: Brechna Rogers

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Days	# of People
	Infected
Day 1	1
Day 2	a
Day 3	Local
Day 4	8
Day 5	16
Day 6	32
Day 7	W
Day 8	128
Day 9	256
Day 10	512

Fill in the table depending on the number of students infected each day by Solanum in both Ms. O'Rielly's and Ms. Krueger's class.

P	
Days	# of People
	Infected
Day 1	2
Day 2	N
Day 3	8
Day 4	16
Day 5	32
Day 6	64
Day 7	128
Day 8	256
Day 9	512
Day 10	1,024

1 days

2. There are currently 7 MSU interns at Sexton today. Make a table and graph that will help us to figure out how many days until all of Sexton is infected, if all 7 interns have Solanum.

of People
Infected
_{gen} drom (4.20 to) 23 24 25 26 26 27
40
QC .
106
212
124
848

Sina hour days.

3. Do Zombie Attacks appear to be linear or exponential? Why?

txponthal cause it X's the number that is by

4. What patterns did you see when filling in the tables, drawing the graphs, and writing equations?

that it is all the same



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Days	# of People
1	Infected
Day 1	1
Day 2	en A
Day 3)de
Day 4	S
Day 5	16
Day 6	and a state of the
Day 7	lo 4
Day 8	128
Day 9	256
Day 10	512

Fill in the table depending on the number of students infected each day by Solanum in both Ms. O'Rielly's and Ms. Krueger's class.

Days	# of People Infected
Day 1	2
Day 2	Lui
Day 3	8
Day 4	16
Day 5	32
Day 6	64
Day 7	128
Day 8	256
Day 9	5 12
Day 10	1024

2. There are currently 7 MSU interns at Sexton today. Make a table and graph that will help us to figure out how many days until all of Sexton is infected, if all 7 interns have Solanum.

Days	# of People Infected
į.	**************************************
er en	1 1004
9	-29
22, 22 22, 24	56
Š	112
i i	224
7	
	896

3. Do Zombie Attacks appear to be linear or exponential? Why?

4. What patterns did you see when filling in the tables, drawing the graphs, and writing equations?

10/10

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Name: MUXEEhurs

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£	T
Days	# of People
	Infected
Day 1	1
Day 2	Quinting.
Day 3	lmf
Day 4	\$
Day 5	16
Day 6	32
Day 7	64
Day 8	128
Day 9	756
Day 10	512

Fill in the table depending on the number of students infected each day by Solanum in both Ms. O'Rielly's and Ms. Krueger's class.

Days	# of People Infected
Day 1	2
Day 2	l./
Day 3	8
Day 4	16
Day 5	22
Day 6	64
Day 7	128
Day 8	256
Day 9	5/2
Day 10	1,024

Name:	

7 days

2. There are currently 7 MSU interns at Sexton today. Make a table and graph that will help us to figure out how many days until all of Sexton is infected, if all 7 interns have Solanum.

Days	# of People Infected
White particularies	7
2	Attending to the state of the s
3	2
A Company of the same	56
5	112
www.	224

3. Do Zombie Attacks appear to be linear or exponential? Why?

They att increase

Exponential because it skyrokets. it doesn't increase by the same number every time

4. What patterns did you see when filling in the tables, drawing the graphs, and writing equations?



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Name: Shelby Exclosor

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Days	# of People
-	Infected
Day 1	1
Day 2	2
Day 3	4
Day 4	ъ
Day 5	ile
Day 6	32
Day 7	64
Day 8	128
Day 9	256
Day 10	512

Once you have filled in the table, graph the data

one dubbles

Fill in the table depending on the number of students infected each day by Solanum in both Ms. O'Rielly's and Ms. Krueger's class.

Days	# of People
	Infected
Day 1	2
Day 2	4
Day 3	8
Day 4	110
Day 5	32
Day 6	64
Day 7	128
Day 8	256
Day 9	512
Day 10	1024

TheoHer

does two

8days for MsO' Rielly and 7 days until Ms Kruegers are

2. There are currently 7 MSU interns at Sexton today. Make a table and graph that will help us to figure out how many days until all of Sexton is infected, if all 7 interns have Solanum.

Days	# of People
	Infected
1	7
2	14
3	
4	
5	
6	
7	

	Pays Hofpen	
	1001 7 7 2001 44 14	
-	DOU IMMY	8
·	t day	06 Na
	Coday-	224
	Edey	896

. 3. Do Zombie Attacks appear to be linear or exponential? Why?

Potsmo

4. What patterns did you see when filling in the tables, drawing the graphs, and writing equations?

the numbers got higher



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1	1
Days	# of People
	Infected
Day 1	1
Day 2	2
Day 3	The state of the s
Day 4	8
Day 5	16
Day 6	32
Day 7	64
Day 8	128
Day 9	256
Day 10	50

Fill in the table depending on the number of students infected each day by Solanum in both Ms. O'Rielly's and Ms. Krueger's class.

,	
Days	# of People
	Infected
Day 1	2
Day 2	4
Day 3	8
Day 4	(6
Day 5	32
Day 6	64
Day 7	128
Day 8	256
Day 9	512
Day 10	1.074

Name:_	Stacey	
****	3	

7000

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Days	# of People
	Infected
,	
2	
S	28
Sec. Land	56
5	12
6	224
1	manufacture 4

3.	Do Zombie Attacks appo	ear to b	oe linear or exponenti	al? Why?		
	exponenti numbers	Q.,	Vacause Zombies	every	doubles	And Const.

4. What patterns did you see when filling in the tables, drawing the graphs, and writing equations?

Everyday doubted the amount you Started Off with



Name: 17 Us elegitimos

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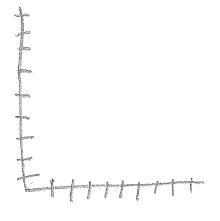
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Days	# of People Infected
Day 1	1
Day 2	Faces
Day 3	4
Day 4	8
Day 5	6
Day 6	Se Comment
Day 7	64
Day 8	
Day 9	Z 6 3
Day 10	5/2

Fill in the table depending on the number of students infected each day by Solanum in both Ms. O'Rielly's and Ms. Krueger's class.

Days	# of People Infected
Day 1	2
Day 2	4
Day 3	l &
Day 4	1.6
Day 5	34
Day 6	64 4
Day 7	12.8
Day 8	7,50
Day 9	312
Day 10	KT4



Name:	
·	

2. There are currently 7 MSU interns at Sexton today. Make a table and graph that will help us to figure out how many days until all of Sexton is infected, if all 7 interns have Solanum.

Days	# of People
	Infected
September 1	· Caracini j
	49
>	3/3
	2401
5	16207
6	117649
, secondo	£23543

Until everyone in

3. Do Zombie Attacks appear to be linear or exponential? Why?

expended Berause it nothings makes

4. What patterns did you see when filling in the tables, drawing the graphs, and writing equations?

It continues to multiplifix sells by the First number in the y collen.

Commence of the contraction of t

Solanum Virus Loose in East Lansing

Name: Elooni Edmond 3/9/12 18%

3/1/12 BREAKING NEWS: Strange behavior at Michigan State University last week has been linked to a new virus, called *Solanum*, being researched in university labs. University officials are strongly advising that students remain in their homes and away from anyone who may be infected. Those who have been infected can be distinguished from others by a distinct red mark on their hands. Anyone with these red marks is infected.

Zombies must infect at least one other person per day in order to stay alive. It is expected that the virus will spread next to neighboring towns and cities.

Zombies Present in Local High Schools

3/5/12 BREAKING NEWS: Due to the high number of MSU Interns at J.W. Sexton High School, the local Big Reds have been quarantined in their classrooms to decrease the chance of Solanum spreading to the rest of Lansing. Students in math classes may be at a higher risk, since the virus has been extremely active amongst math teachers at MSU. Classes that should be extremely cautious are Ms. O'Rielly's 1st and 6th hour classes, as well as Ms. Krueger's 3rd and 4th hour.

TRACKING THE DISEASE

Fill in the table depending on the number of students infected each day by Solanum in Ms. O'Rielly's class.

Days	# of People	
1	Infected	
Day 1	1	
Day 2	Zues	
Day 3	L	
Day 4	8	
Day 5	16	
Day 6	52	
Day 7	(bear	
Day 8	128	
Day 9	25%	
Day 10	5 2m	

Fill in the table depending on the number of students infected each day by Solanum in both Ms. O'Rielly's and Ms. Krueger's class.

Days	# of People Infected
Day 1	2
Day 2	4
Day 3	8
Day 4	16
Day 5	The say
Day 6	bul
Day 7	128
Day 8	250
Day 9	512
Day 10	,02-

- 1. If Ms. O'Rielly and Ms. Krueger have 128 Algebra I students, how many days until they are all infected?
- 2. There are currently 7 MSU interns at Sexton today. Make a table and graph that will help us to figure out how many days until all of Sexton is infected, if all 7 interns have Solanum.

Days	# of People Infected
and the state of t	nesseng
2	49
3	48
ليا	104
geres form	22
b	1124
7	848

Zoro Wat days

3. Do Zombie Attacks appear to be linear or exponential? Why?

4. What patterns did you see when filling in the tables, drawing the graphs, and writing equations?

That It Is all the same all Its double

Vame: Alex. Gomez 15thou

Solanum Virus Loose in East Lansing

3/1/12 BREAKING NEWS: Strange behavior at Michigan State University last week has been linked to a new virus, called *Solanum*, being researched in university labs. University officials are strongly advising that students remain in their homes and away from anyone who may be infected. Those who have been infected can be distinguished from others by a distinct red mark on their hands. Anyone with these red marks is infected.

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TRACKING THE DISEASE

Fill in the table depending on the number of students infected each day by Solanum in Ms. O'Rielly's class.

Days	# of People Infected
Day 1	1
Day 2	a
Day 3	4
Day 4	8
Day 5	16
Day 6	32
Day 7	G 4
Day 8	128
Day 9	25 6
Day 10	5 IA

Fill in the table depending on the number of students infected each day by Solanum in both Ms. O'Rielly's and Ms. Krueger's class.

Days	# of People Infected
Day 1	2
Day 2	4
Day 3	8
Day 4	16
Day 5	3 2
Day 6	64
Day 7	128
Day 8	25 6
Day 9	5 i a
Day 10	1024

Name:		

- 1. If Ms. O'Rielly and Ms. Krueger have 128 Algebra I students, how many days until they are all infected? It will take 7 days for all of them to get infected.
- 2. There are currently 7 MSU interns at Sexton today. Make a table and graph that will help us to figure out how many days until all of Sexton is infected, if all 7 interns have Solanum.

Days	# of People Infected
1	
a	, A. C.
3	28
Çoffin.	50
5	112
G.	224
Vicionia de P	448

3. Do Zombie Attacks appear to be linear or exponential? Why?

Exponential, Because they multiply by two and not itself.

4. What patterns did you see when filling in the tables, drawing the graphs, and writing equations?

The pattern I see is that they multiply by a and 2.