

Algebra I Honors

Materials:

- Spiral Notebook
- Piece of Notebook Paper
- Pencil
- Calculator

Goals:

- Distinguish between situations that can be modeled with linear functions and with exponential functions.

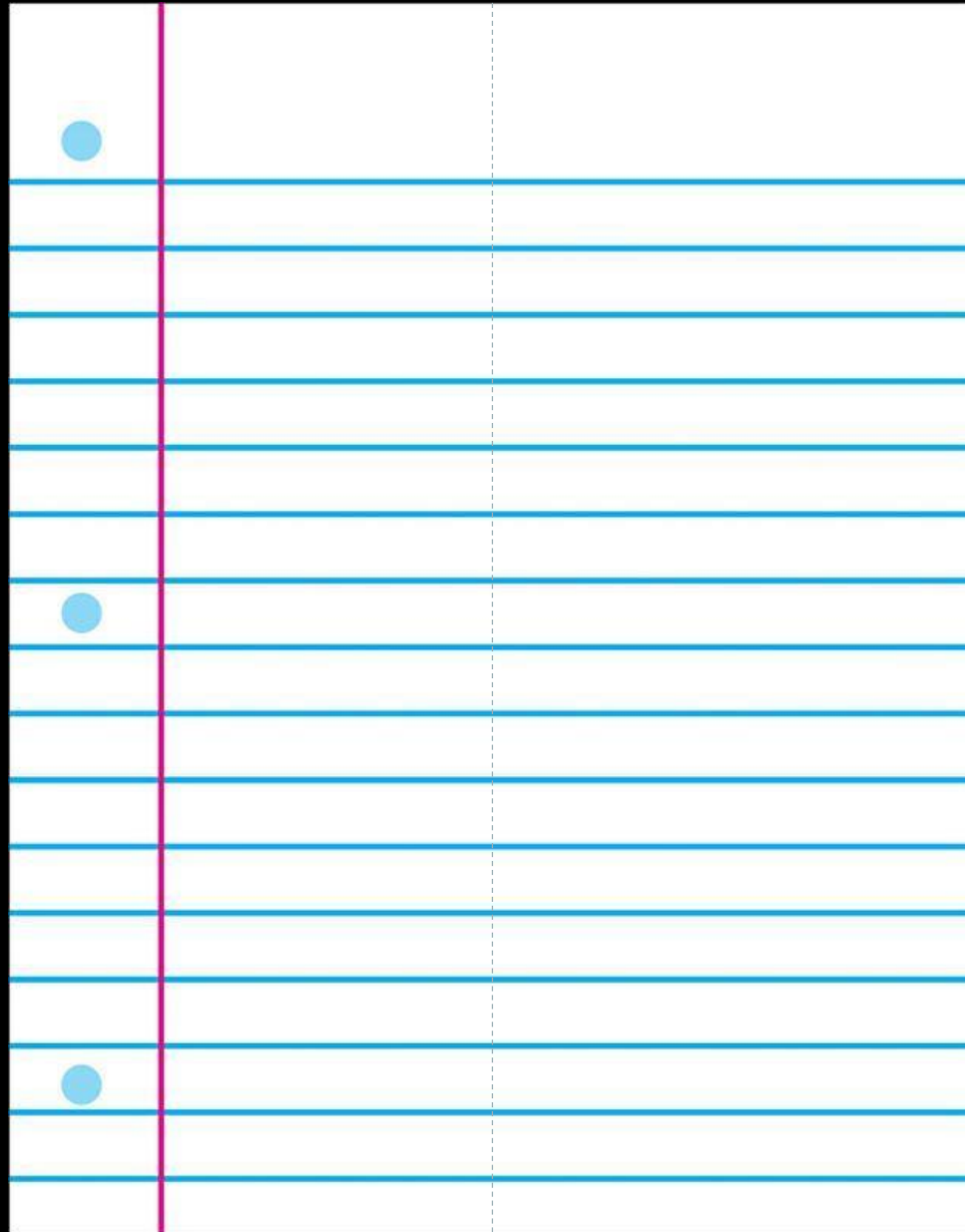


Update Table of Contents

- Record Scores for Unit II
- Examine Class Averages

(Tracking Progress & Celebrating Success)

Fold your paper in half hot dog style.



Number 1-30 down each column.



Option A

Option B

1.

1.

2.

2.

3.

3.

4.

4.

5.

5.



6.

6.



Would you rather have...

Option A

\$1000 per day
every day for
the next 30
days

Option B

One penny
doubling each
day for the
next 30 days

(Helping Students Engage in
Cognitively Complex Tasks)

On your paper, sketch out the amount each day for both options.

	Option A	Option B
1.	1000	1. 0.01
2.	2000	2. 0.02
3.	3000	3. 0.04
4.	4000	4. 0.08
5.	5000	5. 0.16
6.	6000	6. 0.32

Continue the patterns
for 30 days

**Check your numbers with
your face partner.**

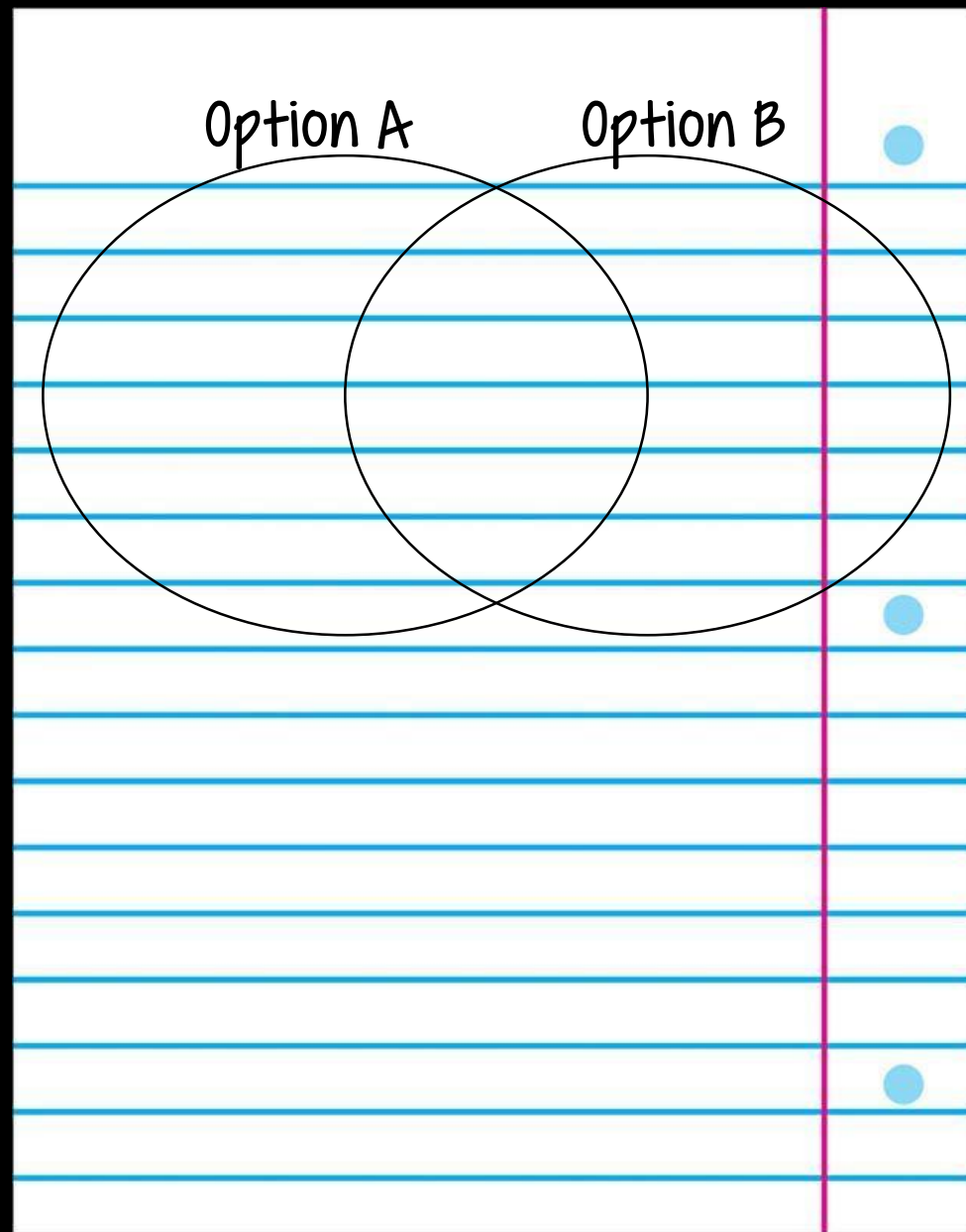
**Do you agree or disagree on
the final amounts?**

**Make revisions to your work
as needed.**

Flip your paper over.

Create a Venn Diagram.

Try to come up with two similarities & two differences for the situation.



(Helping Students Examine Similarities and Differences)

**Take a minute to
exchange ideas with your
face partner.**

**Add to your Venn
diagram.**

(Helping Students Examine Similarities and Differences)

Let's take some ideas
from the class.

Now, I will give you some
"mathy" ideas to add to
your Venn Diagram.

(Helping Students Examine Similarities and Differences)

Below your Venn Diagram...

Summarize what you have learned. Did your findings confirm or disconfirm your initial choice? Revise your choice, if needed.

Option A

Option B

Summary goes down here.

(Helping Students Examine Their Reasoning/Revising Knowledge)

As time allows...

Finish Standards Quiz
Units I-II
From yesterday