Welcome!

I'M ON A MISSION TO BRING MATH CLASS TO LIFE WITH PROJECTS THAT HELP IGNITE AND EXCITE YOUR LEARNERS TO SHOW THEM MATH IS SO MUCH MORE THAN JUST SOLVING FOR X THANK YOU FOR JOINING ME ON THAT MISSION TODAY!

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PODCAST

Modern Math Teacher Podcast

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Credits

FREE BONUS GUIDE!

The Expert Guide

Work Smarter, not Harder!

Stop wasting your time trying to find a project that just won't work

.

Confidently know which topics need more practice and which are perfect for engaging projects.

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1

Inequalities

Addison wants to have at least 1,000,000 TikTok followers. She currently has 850,000 followers and gains 5,000 followers each week. How many weeks will it take her to reach her goal?

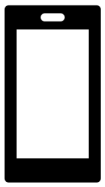
2

Inequalities

Cameron wants to achieve at least 200,000 YouTube subscribers. He currently has 150,000 subscribers and gains 2,500 subscribers each week. How many weeks will it take him to reach his goal?

3

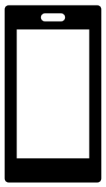
Inequalities



Mason wants his tweet to be retweeted at least 1,000 times. He currently has 400 retweets and gets 50 retweets every hour. How many hours will it take to reach his goal?

4

Inequalities



Bella wants to get at least 5,000 likes on her latest Instagram post. She already has 2,000 likes and gets an average of 300 likes each hour. How many hours will it take her to reach her goal?

5

Inequalities

Sophia wants her post to be shared at least 2,000 times on Facebook. She currently has 800 shares and gets 100 shares each day. How many days will it take her to reach her goal?

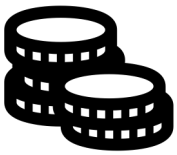
6

Inequalities

Emma is training for the Olympics and needs to run at least 50 miles each week. She has already run 15 miles this week. How many more miles does she need to run to meet her goal?

7

Inequalities



Ava is saving money to buy a phone that costs at least $300. She has already saved $120 and saves $30 each week. How many weeks will it take her to reach her goal?

8

Inequalities

Ian wants to play the new NCAA game, but his parental controls allow him to plan no more than 10 hours this weekend. Friday night he played for 3 hours. How many more hours can he play this weekend?

9

Inequalities

Noah is saving for a spring break vacation that costs no more than $2,000, including spending money. He has already saved $800 and saves $100 each week. How many more weeks will it take to reach his goal?

10

Inequalities

Emily works an after school job and can spend no more than 20 hours each week. She has already worked one shift of 4 hours. How many more hours can she spend on homework? How many 4- hour shifts is this?

11

Inequalities

Liam has a job and earns $600 a month. He has a budget of up to $200 a month to spend on fast food, movies, etc. He has already spent $50. If he wants to save some of his money, what is the maximum amount he can still spend?

12

Inequalities

Olivia has to run to work an hour after coming home from school. If she wants to make dinner, it takes about 20 minutes to prepare. How much more time can she spend cooking and eating before she has to leave?

Name:_____ Date:_____ Period:_____

Real World Inequalities Task Cards

Directions: Visit each station in any order. Write the inequality and find the solution and show your work in the corresponding task box. Record your answers in the answer box at the bottom.

1.	2.	3.	4.
5.	6.	7.	8.
9.	10.	11.	12.

Name:_____ Date:_____ Period:_____

Real World Inequalities Task Cards- ANSWER KEY

Directions: Visit each station in any order. Write the equation and find the solution and show your work in the corresponding task box. Record your answers in the answer box at the bottom.

1. 850,000+5,000w≥ 1,000,000 w≥30 weeks	2. 150,000+2,500w≥ 200,000 W ≥20 weeks	3. 2,000+300h ≥5,000 h≥10 hours	4. 400+50h≥1,000 h≥12 hours
5. 800+100d≥2,000 d≥12 days	6. 15+m≥50 m≥35 miles	7. 120+30w≥300 w≥6 weeks	8. 3+h≤10 h≤7 hours
9. 800+100w≤2,000 w≤12 weeks	10. 4+h≤20 H=4s h≤16 hours s= 4 shifts	11. 50+m≤200 m≤150	12. 20+t≤60 t≤40 minutes

Thank you!

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