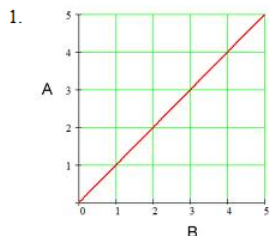


# SSR

Read at a Level 0 until 9:15

## Opener

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Does the graph above represent a proportional relationship? How do you know?

2. You go to the cash register with a pair of pants for \$29.99, a shirt for \$13.99, and a belt for \$15.99. The clothes are subject to 6% sales tax. If you give the clerk \$65, how much change will you get back?

3. Solve:  $4(2x - 6) = -9$



1. Your weekly base salary is \$150. You earn \$20 for each cell phone that you sell. Write and solve an inequality that represents the number of cell phones you must sell to make at least \$630 a week.
2. The Technology Club is trying to raise \$1000 raffling cornhole boards. They have already made \$100. If they sell raffle tickets for \$5 each, how many more must they sell to make at least \$1000?
3. An RV park receives \$300 per month from each residential site that is occupied as well as \$2000 per month from their overnight sites. Write and solve an inequality to find the number of residential sites that must be occupied to make at least \$14,000 in revenue each month.
4. An animal shelter has fixed weekly expenses of \$750. Each animal in the shelter costs an additional \$6 a week. During the winter months, the weekly expenses are at most \$900. Write and solve an inequality that represents the number of animals at the shelter for expenses to be at most \$900 a week.
5. You borrow \$200 from a friend to help pay for a new laptop computer. You pay your friend back \$12 per week. Write and solve an inequality to find when you will owe your friend less than \$60.



**table  
challenge**

Miguel wants to have at least \$500 in his account to spend over the summer. He already has \$150. If he deposits \$25 each week, write and solve an inequality to determine how many weeks it will take him to reach at least \$500.



**My doctor says that I should consume no more than 1200 calories a day. I have already consumed 750, and I am hoping to snack on some Snickers mini's :) If each mini is 75 calories, write and solve an inequality showing how many Snickers mini's I can eat!**



**Katelyn makes \$10 an hour and receives a weekly bonus of \$25. How many hours does she need to work this week to make more than \$250?**



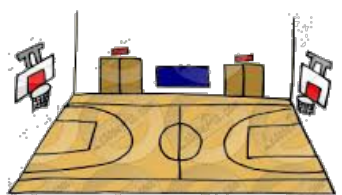
**Roll-About charges a \$50 flat fee for birthday rental and \$5.50 for each person. Kristina has at most \$200 to spend. How many people can she invite?**



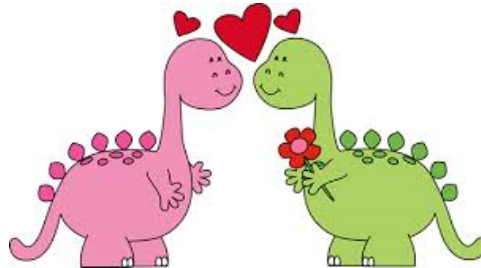
**Logan wants to take a taxi to visit family. Yellow Cab Taxi charges a \$1.75 flat rate in addition to \$.65 per mile. Logan has at most \$10 to spend on a ride. How many miles can she travel before she runs out of money?**



**The gym has a maximum capacity of 750 people. If there are already 472 students in the gym, write and solve an inequality to determine how many more students can enter the gym.**



James has \$29, and wants to have at least \$50 to spend on his girlfriend for Valentine's Day. How much does James need to save each day if there are only 7 days until Valentine's Day? (write and solve an inequality)



## Summary

Table Discussion: Give me a real world example that could help someone understand why "at least" is greater than or equal to.

