- 1. What is the difference between an expression and an inequality?
- 2. Ms. Underwood wrote, "Eight less than three times a number is greater than fifteen," on the board. If x represents the number, write an inequality that represents the statement. (You do not have to solve this one ©)

- 3. Hannah has a cell phone plan that charges \$0.07 per minute plus a monthly fee of \$19.00. She budgets \$29.00 per month for total cell phone expenses without taxes. What is the maximum number of minutes Hannah could use her phone each month in order to stay within her budget?
 - a. Define the variable. X= maxmum # of minitos
 - b. Write an inequality/equation to express the situation.
 - c. Solve the inequality.
 - d. Write a sentence that includes the answer in context of the problem.

4. The sum of three consecutive ODD integers is 39. Find the three numbers.

$$X + (x+2) + (x+4) = 39$$

 $3x + 6 = 39$
 -6
 $3x = 33$
 $x = 11$

5. Dakota is saving to purchase a new pair of bowling shoes that will cost at least \$49. He has already saved \$29. What is the least amount of money he needs to save for the	
a. Define the variable. X= tent ant of b needed to save	
 a. Define the variable. X= (to) fam fol 5 release (1) 100 b. Write an inequality/equation to express the situation. 	
c. Solve the inequality.	
d. Write a sentence that includes the answer in context of the problem.	
Cost 749	
X+29 249.	
he needs 20 more sured	
 6. Mack has \$600 in a savings account at the beginning of the summer. He wants to lear at least \$150 in his account at the end of the summer. He withdrawals \$30 per week food, gas, and Redbox. How many weeks can Mack withdraw money from his account a. Define the variable. X =# weeks Mack can withdraw b. Write an inequality/equation to express the situation. c. Solve the inequality. 	for
d. Write a sentence that includes the answer in context of the problem.	
le can withdraw $ \frac{600-30}{500} \approx 150 $ $ \frac{600-30}{500} \approx 150 $ $ \frac{-30}{50} \approx 150 $ $ \frac{-30}{50} \approx 150 $ $ \frac{-30}{50} \approx 150 $	
1 / weeks -600	
-30x = -410	
-30 -30	
x = 15	
Peyton has \$25,000/in his bank account. Every month he spends \$1,500. He does add money to the account. How/much money will Peyton have in his account aft months? a Define the variable. X Manual Country of the problem. b. Write an inequality/equation to express the situation. c. /Solve/ d./Write/a sentence that includes the answer in context of the problem.	not er 8
25008 -1500x	

7.