	Homework Journal 1
140	2.1 Question 4
	Leah walks from her house to a bus stop that is 320 yards away.
7	a. If Leah is 28 yards from her house, how far is she from the bus stop?
7.5	320-28 = 292 yards This question will use subtraction
	Gonce sne has walked & b/c Hs asking how far sne is
	from her house. at a certain point, we are given
	by IFR & Migral who are the variables 320 & 28. 21 things
	b. If Lean 15 163.4 yards from her house, now far is she from
	320-163.4 = 156.6 Once again this question the bus stop?
In this que	stion it was mostly about Yards is asking us to subtract 320 from
inding out	the distance. It dealt a lot the given variable. We wants to know g equations to find the
SVOILS	answer. the distance from the bus stop.
	c. let the variable x represent Lean's Varying distance
	from her house (in yards). As Lean walks from her house to
	the bus stop the value of x vanes from 0 to 320.
	THE QUESTION!! The answer is from 0 to 320 THE QUESTION!! b/c when been is home her
red to	
Section of the Contract of the	x is in terms of how far she distance from home is 0 but
	is from her house. When she reaches the bus
	bitis not from the bus to her stop she is 320 yards away from
	home.
a de la composiçõe de la c	d. How many values does the vanable x assume as leah walks
	from her house to the bus stop?
na processo de la composición de la co	X → home to bus Theanswer would be infinity
	From c we got 0-320 because you can put any variable
naj naki kanagaman nya kanagan najawa kanaga kanagan ka	TRY TO LOOK FOR KEY from 0-820. There Is no variable
	TERMS !! In between that would make x untine
	b/w 0 € 320.

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For this question we were also asked to create equations from the given context. We see that in each question although it might sound some what the same the equations are different because of the wording so we have to be careful about how questions are worded.

2.1 Question 7

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A 12 Inch coundle is lit and steadily burns until it is burned out a. As the burned length of the coundle increases from 4 to 1.5 inches the remaining length of the candle varies from 8 inches to 4.5 inches.

12-4 = 8 burned 4 remaining 8 inches 12-7.5 = 4.5 burned 7.5 romaining 4.5 Inches since we are asked about the remaining length we have to figure out how much has been burned. We are given 2 variables in this equation. The answer requires 2 answers, we must assume that the variables given will burned-remaining be used we subtract in order to Total length is 12 find the answer to the remaining length. b. suppose b upusents the burned length of the candle in inches (or the number of inches that have burned from the coundle since it was lit) write an expression in terms of b that represents the remaining length of the candle (in inches) 12-b we know that the total IS 12. We want an expression in terms of once the coincide has been lit. The length is being burned meaning that the length is decreasing. Therefore, the expression must show that the length is subtracting. Question 6

Chis & Hillary are 250 feet apart when they start walking toward one another. They are walking at the same speed, so whenever chris travels some number of feet, Hillary travels the same amount in feet. Let x represent the # of feet Chris has traveled since he started walking toward Hillary a write an expression in terms of x that represents the # of feet Chris walked toward Hillary since they Started walking x The question is just asking about now many feet they have Started walking (chris in this question). Its not asking from the beginning or from one starting point.

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white an expression in terms of x that represents the total	3
number of feet chins & Hilam have walked toward one another	=
Since they Started walking.	
2x chris Hillary Both of them are walking	=
This question focused on the creation the same x distance. This	=
of expressions Depending on the type of situation we are asked about. Means that the answer is 2x Since its	=
will be the same distance walked for outlook both	=
of them no matter what # you input.	-
b. write an expression in term of x that represents the # of feet	-
Hillary has walked towards this since they Started walking?	
X well we know that chris walks x amount towards	
Hillary. We are also given that both of them walk the	=
some distance. This means that the expression should thus	=
he identical is its the # of seet she has walked towards him.	-
LOOK FOR CONTEX CLUES & OTHER GUESTIONS ANSWERED!!	
d. write an expussion in terms of x that represents the	
distance (in feet) between chins & Hilpany	
+ 250-2x 10 we are asked the distance blu	
COMPARE THE WORDING both of them. This question is different	-
TO THE OTHER QUESTIONS ble its not talking about how many	-
ASKED! Feet one nas walked to the other but	9
rather how much distance is STILL left from one	9
another. we know the total is 250 feet apart. This	2
means we subtract by x to determine how far apart	
they Still one after & amount.	- 9
1.3 Question 24 and for from the 2 doesn't state associated	
a. Some # is equal to to of the sum of 84.1, -27.5, & 61.	-
what is the 1st 2 mount program to the sale and the sale and	- 9
PAY CLOSE ATTENTION TO we have to add the #'s that we	
MULTING CONTRACTOR AND	<u> </u>
84.1 +61-27.5 = 117.6/4 -> 29.4 Once we have the sum we	
duals to have the sum we	<u> </u>
what 'he is the don't divide by 4 in order to find	Ç.
what 'he is. We don't divide into 'ly blo that is what we are trying to find.	<u></u>

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b. BB is some multiple of 11. What is the value of the multiple? Another way of thinking about multiple 56÷11=5 15 what 2 numbers are equal to 65. 11.6=55 We know that one of these His is il and thus we can divide 55+11 to find the answer. C. 1625 15 3.5 times as large as some number what is the # 1626 is the large # Although the wording It IS 3.5 larger than another # might sometimes be 1626 = 3.5x worded differently or sound off X = 464.2857 we should try to break it apart. After reading the guestion we see that 1625 is the largest #. When we want to find another # In this instance a # that is 3.5 smaller we simply divide. It all depends on the wording so watch out. d. 240% of some number is 50.8. What is the #? 240%. ·x = 50.8 We know the # we were going 50.8 -100/240 to equal it to we are also given 240%. With this we can unte an equation to figure out what # equals This question focused on finding the answer when we to So.8. Since we are dealing with 1. are given some of the variables. We have to figure we must any corace by 100. From this we out what type of equation to apply. multiply the parcentage by the answer we get once our total by 100 to got our answer.