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	TEST OU	TLINE	Vi	📆 llanova C	allaga			
	7/1 /				Mathematics			
NAME:				Tinciples of	DATE:			
Circle yo	ur Section: a	ı b	c d					
SOLVING EQUATIONS Mini Test								
SHOW ALL YOUR WORK FOR FULL MARKS								
K =	/20	C =	/6			TOTAL =	/40	
T =	/6	A =	/8					
1. Solve for the unknown in each of the following equations. Round final answers to two decimal places								
or keep as a fraction. [K 1, 1, 2, 3, 2, 4, 4]								
))	c)	d)	e)	f)	g)	
	•	•	,	•	,	•	o.	
2. F	2. Rearrange the following formulas [K2]							
ā	a) k	o)						
	enna made TW			lved this equ				
ā	a) Circle both of her mistakes.					b) Solve the equation correctly.		

c) Prove that your solution is correct by doing a LS = RS check for both your solution AND Jenna's

Find the _____ using an algebraic equation (Remember: Define your variables and

Using an algebraic equation, find the 3 numbers. (Remember: Define your variables and include a final

Find the side lengths of each figure. All measurements are in centimetres. [T6]

solution.

statement) [A4]

include a final statement) [A4]



What you need to know for the test:

- 1) How to solve equations (one-step, two step, and multi-step)

 For extra practice: posted on the math hub is a sheet called "What is the title of this picture"
- 2) How to solve equations involving fractions *For extra practice:* pg 205-210 in your textbook
- 3) How to rearrange formulas

 For extra practice: pg 211-215 in your textbook
- 4) How to spot an error in a solution, and correct it
- 5) How to do a LS = RS check

 For extra practice: check the solution to any equation you've solved for homework
- 6) How to solve word problems

For extra practice: re-do homework questions from class, do the pre-test assignment, and do the following questions from your textbook: pg 226 #1-10

More practice: Chapter 4 Review in your textbook pg #230-231