W			
,	ame:	Date:	Hour:
Unit 1 Day 15: Solving Multi-Stop Equations Practice			
Fo	cus Question	n: What order do I do all of these skills in?	F 8-:10
		most daunting equations	6 x 25 10 x 45 .5
	1. Wh	nich did we learn first, simplify or solve?	Add/subtract the constant
	2. The	e five skills we have learned are listed in the box at the right, which	Distribute
	two	help you simplify expressions?	1.
	1	Distribute Son 1	Multiply/divide the coefficien
	C	combine like terms	Combine like terms
	3. Th	e remaining three steps help you Save an equation and	Get variables on one side only
	sho	ould be done <u>In order</u>	C M - Y
	Whe	en solving an equation (isolating a variable) you may have to perform	
as few as one of the steps in the box at right or as many as all of them.			niakodana 017 di akigirakidi iringi A. 23. Conner eti da irinami napi alb estektirin
		e numbered blanks below, write the order in which the steps should	
		completed if all steps are required.	MA STATE OF THE ST
	(1st. Distribute (multiplication) 2nd. Combine like terms	
	Steps to	0 1: 1:1 1	
	Simplify	2nd: Combine like terms	
		3rd: Get variables on one side only 4th: add/subtract the constant 5th: Multiply/divide the coefficient	
	and the same	3": Get variables of othe sale and	
	Steps to	4th: ack / subtract the constant	EIII
	Solve	20 11:-1 1 1 . 1 1 . 100 . 1	
	2	5th: Multiply divide the coefficient	Berner remarks on the second second second
			Castally your year lacegies
	B. Practice	e: Solve each equation on your own paper. Your answers will help y	ou finish the sentence
"	A11 11 C. T.	d la . i	3/ 4/5
	All my life I	thought air was free"	
_	UNI	TLLIBOUGHTA	F BAG
	11 12	3 14 8 14 1 2 11 10 7 3 1	3 1 13 10
			14
		OF CHTPS.	
		$O_{2} = O_{4} = O_{6} = O_{7} = O_{14} = O_{5} = O_{9}$	
N N	e will do two	together, two as rally coach and then you will continue with your page.	artner as needed.
	1. $2(x + 1)$	7) + x = 20 2. $2(2x-3) = -(1+x)$	
	1. Z(A '	$\sum_{i=1}^{n} \frac{2(2x-3)^{n-1}(1+x)}{n}$	
	402	13	
	^	X=P	

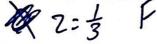


3(m+1)-2m=0

- 5. 2(4x+6)-8x=6
- 7. 0 = 3(2x 6)X=3 H
- 9. $\frac{2}{3}x + \frac{1}{4} = 2x \frac{5}{12}$



4. $6\left(\frac{4}{3}z + \frac{1}{2}\right) + z = 6$

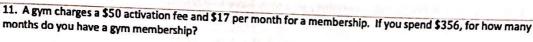


6. 4(n+2) = 2n

8. 10x - 5(2x - 4) = 20

10.
$$2(3x-1)+2(4x+5)=8$$





Makes the equation

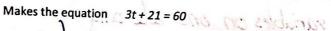
18 months

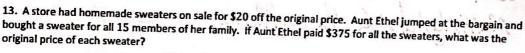


12. Suppose you go to a concert and purchase 3 identical T-shirts and a hat. The hat cost \$21 and you spend \$60 in all. How much does each T-shirt cost?









Makes the equation 15(p-20) = 375

$$15(p-20)=375$$

14. After an oil pipeline burst one morning, gas prices went up by \$2.20 per gallon. If that afternoon you bought 10 gallons of gas for \$53.90, what was the price per gallon before the oil pipeline burst that morning?

Makes the equation 10(p+2.2) = 53.9

subtract the conta

$$45 = A$$

$$2 = B$$

$$-4 = C$$

$$1/3 = F$$

$$0 = G$$

$$3 = H$$

$$3.19 = I$$

$$\infty = \Gamma$$

$$13 = N$$

$$1 = 0$$

$$\emptyset = 1$$

$$-3 = T$$

$$18 = U$$

