	Creating Wholes With Tape Diagram Name:	
Solv	<u>Answers</u>	
1)	A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 225 sodas. They sold 1/3 as many small sodas as they did large sodas. And they sold 1/2 forwar medium as day as they did large sodas. How menu small as day did they soll?	1
	sold 13 fewer medium sodas as they did large sodas. How many small sodas did they sell?	2
		3
2)	Robin spent 507 minutes working on her report. She spent 8 times as long researching the	4
_)	topic as she did writing the paper. She also spent 20 minutes less than the time she spent researching just preparing material. How much time did she spend preparing?	5
3)	Over the holiday weekend a game store sold 619 games. On Saturday they sold 8 times as many games as on Sunday. And on Friday they sold 10 fewer games than on Saturday. How many games did they sell on Sunday?	
4)	The elementary, middle and high schools were competing to see who could earn the most money fund raising. Together they earned \$405. The middle school ended up earning 8 times as much as the high school and the elementary earned \$20 fewer than the high school. How much money did the elementary school earn?	
5)	Tiffany sent 379 text messages over the summer. In July she sent 8 times as many as she did in August. And in June she sent 12 fewer than in July. How many texts did she send in August?	

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Solv	ve each problem u	ising a tape diagram.	Answers
1)	they sold 225 sod	was looking at how many sodas they sold of different sizes in a day. Total las. They sold 1/3 as many small sodas as they did large sodas. And they dium sodas as they did large sodas. How many small sodas did they sell?	134
	medium		2. 228
	large	> 225+ 13	
	small		3. 37
			4. 180
2)	topic as she did w	minutes working on her report. She spent 8 times as long researching the vriting the paper. She also spent 20 minutes less than the time she spent preparing material. How much time did she spend preparing?	5
	preparing		
	researching	507 +20	
	writing		
3)4)	many games as o How many games Friday Saturday Sunday The elementary, n	weekend a game store sold 619 games. On Saturday they sold 8 times as n Sunday. And on Friday they sold 10 fewer games than on Saturday. s did they sell on Sunday? $\begin{array}{ c c c c c c c c c c c c c c c c c c c$	
	•	ng. Together they earned \$405. The middle school ended up earning 8 the high school and the elementary earned \$20 fewer than the high	
		ch money did the elementary school earn?	
	elementary		
	middle	405+20	
	high		
5)	•	text messages over the summer. In July she sent 8 times as many as she and in June she sent 12 fewer than in July. How many texts did she send in 379+12	
		1	1-5 80 60 40 20 0
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