	Multiples and Differences With Tape Diagram Name:					
Solv	Solve each problem using a tape diagram. Answers					
1)	Gwen uploaded a video to youtube that was 28 minutes long. The next week she uploaded a video that was 8 minutes longer. Then the following week she uploaded a video that was 4 times as long as the first week. How many minutes did she upload total?	1.				
	+ times as long as the first week. How many minutes the she upload total?	2.				
		3.				
		4.				
2)	A musician spent 14 hours practicing in January. In February he practiced for 7 hours longer than he did in January. Then in March he practiced for 3 times as long as January.	5.				
	How nours and he spend practicing?					
3)						
3)	The school book fair sold 28 books on Wednesday. On Friday they sold 6 fewer than Thursday. On Thursday they sold 4 times as many as on Wednesday. How many books did they sell in those three days?					
4)	In a school district the elementary school earned \$19 fundraising. The high school earned 4					
	times as much as the elementary school and the middle school earned \$9 less than the elementary. How much did they earn total?					
5)	At the fair the ring toss booth took in \$10 the first hour. The second hour they took \$5 less than the first hour. And the third hour they took 5 times the amount in the first hour. How					
	much money did the ring toss booth take in the first 3 hours.					

Math

	Multiples and Differences With Tape Diagram Name: Answ	er	Key	
Solve each problem using a tape diagram.				
1)	Gwen uploaded a video to youtube that was 28 minutes long. The next week she uploaded a video that was 8 minutes longer. Then the following week she uploaded a video that was 4 times as long as the first week. How many minutes did she upload total?	1.	176	
	Week 1 28		77	
	Week 2	2.		
	Week 3	3	246	
		4.	105	
2)	A musician spent 14 hours practicing in January. In February he practiced for 7 hours longer than he did in January. Then in March he practiced for 3 times as long as January. How hours did he spend practicing?	5.	65	
	Jan. 14			
	Feb. 7			
	Mar.			
3)	The school book fair sold 28 books on Wednesday. On Friday they sold 6 fewer than   Thursday. On Thursday they sold 4 times as many as on Wednesday. How many books did   they sell in those three days?   Wednesday   28   Thursday   Friday			
4)	In a school district the elementary school earned \$19 fundraising. The high school earned 4 times as much as the elementary school and the middle school earned \$9 less than the elementary. How much did they earn total? Elementary 19 Middle 9 High High			
5)	At the fair the ring toss booth took in \$10 the first hour. The second hour they took \$5 less than the first hour. And the third hour they took 5 times the amount in the first hour. How much money did the ring toss booth take in the first 3 hours. First Hour 10 Second Hour 5 Third Hour			

1-5 80 60 40 20 0

Math