

Solve each problem using a tape diagram.

1) Amy, Billy and Carl were working on a school project. Amy spent 23 minutes on her portion. Billy spent 8 times as long on his portion. And Carl spent 5 minutes fewer than Billy did. How many minutes total were they working?

· _____

Answers

2. _____

3. _____

4. _____

2) In April, Larry's Lawn Care mowed 14 lawns. They mowed 4 times as many in May and 5 fewer in June. How many lawns did they mow over those three months?

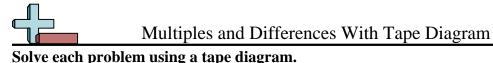
5. _____

3) Olivia uploaded a video to youtube that was 28 minutes long. The next week she uploaded a video that was 5 minutes longer. Then the following week she uploaded a video that was 5 times as long as the first week. How many minutes did she upload total?

4) On Friday a game store sold 29 copies of the new Mario game. On Saturday they sold 2 times as many as on Friday. And then on Sunday they sold 7 less than the amount on Friday. How many did they sell total?

5) Bianca created an app that she put on the app store. In the first day 16 people downloaded it. On the second day she had 5 times as many downloads. On the third day she had 5 fewer downloads than day 2. How many people downloaded the app in the first 3 days?

1-5 80 60 40 20 0



Name:	Answer	Key
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<u>Answers</u>

1)	Amy, Billy and Carl were working on a school project. Amy spent 23 minutes on her
	portion. Billy spent 8 times as long on his portion. And Carl spent 5 minutes fewer than
	Billy did. How many minutes total were they working?

Amy	23				
Billy					
Carl					

171

2) In April, Larry's Lawn Care moved 14 lawns. They moved 4 times as many in May and 5 fewer in June. How many lawns did they mow over those three months?



3) Olivia uploaded a video to youtube that was 28 minutes long. The next week she uploaded a video that was 5 minutes longer. Then the following week she uploaded a video that was 5 times as long as the first week. How many minutes did she upload total?

Week 1	28			
Week 2		5		
Week 3				

4) On Friday a game store sold 29 copies of the new Mario game. On Saturday they sold 2 times as many as on Friday. And then on Sunday they sold 7 less than the amount on Friday. How many did they sell total?

Friday	29	
Sunday	7	
Saturday		

5) Bianca created an app that she put on the app store. In the first day 16 people downloaded it. On the second day she had 5 times as many downloads. On the third day she had 5 fewer downloads than day 2. How many people downloaded the app in the first 3 days?

Day 1	16		
Day 2			
Day 3			