

**Solve each problem using a tape diagram.****Answers**

- 1) Faye uploaded a video to youtube that was 13 minutes long. The next week she uploaded a video that was 9 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?
- 2) On Monday morning a store had 23 customer. In the afternoon they had 5 fewer customers than the morning. In the evening they had 3 times as many customers as the morning. How many customers did they have total?
- 3) A musician spent 30 hours practicing in January. In February he practiced for 8 hours longer than he did in January. Then in March he practiced for 2 times as long as January. How hours did he spend practicing?
- 4) In April, Larry's Lawn Care mowed 10 lawns. They mowed 5 times as many in May and 5 fewer in June. How many lawns did they mow over those three months?
- 5) Amy, Billy and Carl were working on a school project. Amy spent 28 minutes on her portion. Billy spent 8 times as long on his portion. And Carl spent 3 minutes fewer than Billy did. How many minutes total were they working?

1. _____
2. _____
3. _____
4. _____
5. _____



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- 1) Faye uploaded a video to youtube that was 13 minutes long. The next week she uploaded a video that was 9 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	13				
Week 2		9			
Week 3					

- 2) On Monday morning a store had 23 customer. In the afternoon they had 5 fewer customers than the morning. In the evening they had 3 times as many customers as the morning. How many customers did they have total?

Morning	23			
Afternoon		5		
Evening				

- 3) A musician spent 30 hours practicing in January. In February he practiced for 8 hours longer than he did in January. Then in March he practiced for 2 times as long as January. How hours did he spend practicing?

Jan.	30			
Feb.		8		
Mar.				

- 4) In April, Larry's Lawn Care mowed 10 lawns. They mowed 5 times as many in May and 5 fewer in June. How many lawns did they mow over those three months?

April	10				
June		5			
May					

- 5) Amy, Billy and Carl were working on a school project. Amy spent 28 minutes on her portion. Billy spent 8 times as long on his portion. And Carl spent 3 minutes fewer than Billy did. How many minutes total were they working?

Amy	28						
Billy							
Carl							

Answers

- 100
- 110
- 128
- 65
- 473