





Solve each problem using a tape diagram.

- 1) Faye uploaded a video to youtube that was 22 minutes long. The next week she uploaded a video that was 8 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	<input type="text" value="22"/>				
Week 2	<input type="text"/>	<input type="text" value="8"/>			
Week 3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

- 2) A musician spent 10 hours practicing in January. In February he practiced for 9 hours longer than he did in January. Then in March he practiced for 5 times as long as January. How hours did he spend practicing?

Jan.	<input type="text" value="10"/>				
Feb.	<input type="text"/>	<input type="text" value="9"/>			
Mar.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

- 3) On Monday morning a store had 28 customer. In the afternoon they had 10 fewer customers than the morning. In the evening they had 5 times as many customers as the morning. How many customers did they have total?

Morning	<input type="text" value="28"/>				
Afternoon	<input type="text"/>	<input type="text" value="10"/>			
Evening	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

- 4) Amy, Billy and Carl were working on a school project. Amy spent 17 minutes on her portion. Billy spent 5 times as long on his portion. And Carl spent 7 minutes fewer than Billy did. How many minutes total were they working?

Amy	<input type="text" value="17"/>				
Billy	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Carl	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

- 5) At the fair the ring toss booth took in \$26 the first hour. The second hour they took \$9 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	<input type="text" value="26"/>				
Second Hour	<input type="text"/>	<input type="text" value="9"/>			
Third Hour	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Answers

1. 162
2. 79
3. 186
4. 180
5. 173