



Solve each problem using a tape diagram.

Answers

- 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	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Carl	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>

1. **386**

- 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?

April	14
June	<div><div></div>5</div>
May	<div><div></div><div></div><div></div><div></div></div>

2. **79**

3. **201**

4. **109**

5. **171**

- 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	<div><div></div>5</div>
Week 3	<div><div></div><div></div><div></div><div></div><div></div></div>

- 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	<div><div></div>7</div>
Saturday	<div><div></div><div></div></div>

- 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	<div><div></div><div></div><div></div><div></div><div></div></div>
Day 3	<div><div></div><div></div><div></div><div></div><div></div></div>