Solve each problem using a tape diagram.

1) Faye uploaded a video to youtube that was 30 minutes long. The next week she uploaded a video that was 9 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?

2) Janet created an app that she put on the app store. In the first day 16 people downloaded it. On the second day she had 2 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?

3) The school book fair sold 19 books on Wednesday. On Friday they sold 5 fewer than Thursday. On Thursday they sold 2 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 $18 fundraising. The high school earned 4 times as much as the elementary school and the middle school earned $7 less than the elementary. How much did they earn total?

5) Emily was organizing her pictures on her computer. In folder 1 she had 29 pictures. In folder 2 she had 5 more pictures than folder 1. And in folder 3 she had 4 times as many pictures as folder 1. How many pictures does she have total?
1) Faye uploaded a video to YouTube that was 30 minutes long. The next week she uploaded a video that was 9 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?

Week 1: 30 minutes
Week 2: 39 minutes
Week 3: 120 minutes
Total: 189 minutes

2) Janet created an app that she put on the app store. In the first day 16 people downloaded it. On the second day she had 2 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 downloads
Day 2: 32 downloads
Day 3: 27 downloads
Total: 75 downloads

3) The school book fair sold 19 books on Wednesday. On Friday they sold 5 fewer than Thursday. On Thursday they sold 2 times as many as on Wednesday. How many books did they sell in those three days?

Wednesday: 19 books
Thursday: 38 books
Friday: 33 books
Total: 90 books

4) In a school district the elementary school earned $18 fundraising. The high school earned 4 times as much as the elementary school and the middle school earned $7 less than the elementary. How much did they earn total?

Elementary: $18
Middle: $67
High: $18
Total: $101

5) Emily was organizing her pictures on her computer. In folder 1 she had 29 pictures. In folder 2 she had 5 more pictures than folder 1. And in folder 3 she had 4 times as many pictures as folder 1. How many pictures does she have total?

Folder 1: 29 pictures
Folder 2: 34 pictures
Folder 3: 116 pictures
Total: 179 pictures