Multiples and Differences With Tape Diagram

Name:

Solve each problem using a tape diagram.

1) Cody was reading a book. He read 17 pages on Monday and 5 times as many pages on Tuesday. On Wednesday he read 5 fewer pages than the amount he read on Tuesday. How many pages did he read total?

1. _____

2. _____

2) Amy created an app that she put on the app store. In the first day 11 people downloaded it. On the second day she had 2 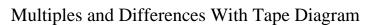times as many downloads. On the third day she had 10 fewer downloads than day 2. How many people downloaded the app in the first 3 days?

3. _____

4. _____

5. _____

3) Alice, Bobby and Charles were collecting cans. Charles collected 4 times as many cans as Alice. Alice collected 18 cans. And Bobby collected 10 more cans than Alice. How many cans did they collect total?

4) While playing a video game Aaron, Bianca and Cathy counted the enemies they defeated. Aaron defeated 27. Bianca defeated 10 more than Aaron. And Cathy defeated 2 times as many as Aaron. How many enemies did they defeat total?

5) At the fair the ring toss booth took in $11 the first hour. The second hour they took $5 less than the first hour. And the third hour they took 4 times the amount in the first hour. How much money did the ring toss booth take in the first 3 hours.

Math

Solve each problem using a tape diagram.

1) Cody was reading a book. He read 17 pages on Monday and 5 times as many pages on Tuesday. On Wednesday he read 5 fewer pages than the amount he read on Tuesday. How many pages did he read total?

Monday	17
Tuesday	
Wednesday	

2) Amy created an app that she put on the app store. In the first day 11 people downloaded it. On the second day she had 2 times as many downloads. On the third day she had 10 fewer downloads than day 2. How many people downloaded the app in the first 3 days?

Day 1	11
Day 2	
Day 3	

3) Alice, Bobby and Charles were collecting cans. Charles collected 4 times as many cans as Alice. Alice collected 18 cans. And Bobby collected 10 more cans than Alice. How many cans did they collect total?

Alice	18
Bobby	10
Charles	

4) While playing a video game Aaron, Bianca and Cathy counted the enemies they defeated. Aaron defeated 27. Bianca defeated 10 more than Aaron. And Cathy defeated 2 times as many as Aaron. How many enemies did they defeat total?

Aaron	27
Bianca	10
Cathy	

5) At the fair the ring toss booth took in $11 the first hour. The second hour they took $5 less than the first hour. And the third hour they took 4 times the amount in the first hour. How much money did the ring toss booth take in the first 3 hours.

First Hour	11
Second Hour	5
Third Hour	

Math