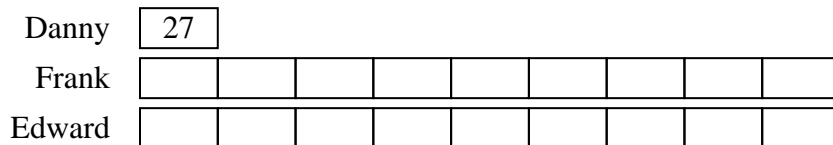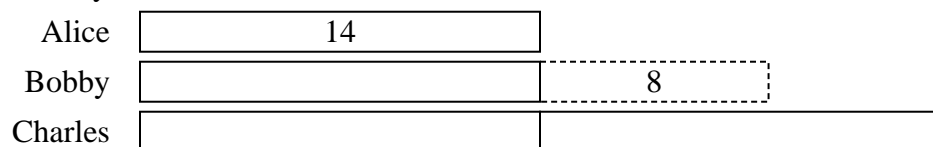**Solve each problem using a tape diagram.**

1) Rachel's TV emporium was running a contest to see which employee could sell the most TVs. Frank sold 9 times as many TVs as Danny. Edward sold 2 fewer than Frank. And Danny sold 27 TVs. How many TVs did they sell total?

1. _____

2. _____

3. _____

4. _____

2) Alice, Bobby and Charles were collecting cans. Charles collected 2 times as many cans as Alice. Alice collected 14 cans. And Bobby collected 8 more cans than Alice. How many cans did they collect total?

5. _____

3) Isabel uploaded a video to youtube that was 11 minutes long. The next week she uploaded a video that was 9 minutes longer. Then the following week she uploaded a video that was 2 times as long as the first week. How many minutes did she upload total?

4) On Monday morning a store had 16 customer. In the afternoon they had 5 fewer customers than the morning. In the evening they had 4 times as many customers as the morning. How many customers did they have total?

5) In a school district the elementary school earned $11 fundraising. The high school earned 3 times as much as the elementary school and the middle school earned $9 less than the elementary. How much did they earn total?
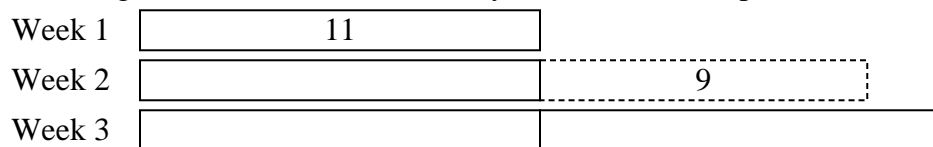
1-5 | 80 | 60 | 40 | 20 | 0

Solve each problem using a tape diagram.

1) Rachel's TV emporium was running a contest to see which employee could sell the most TVs. Frank sold 9 times as many TVs as Danny. Edward sold 2 fewer than Frank. And Danny sold 27 TVs. How many TVs did they sell total?

Danny	27
Frank									
Edward									

1. __**511**__

2. __**64**__

2) Alice, Bobby and Charles were collecting cans. Charles collected 2 times as many cans as Alice. Alice collected 14 cans. And Bobby collected 8 more cans than Alice. How many cans did they collect total?

Alice	14
Bobby		8
Charles		

3. __**53**__

4. __**91**__

3) Isabel uploaded a video to youtube that was 11 minutes long. The next week she uploaded a video that was 9 minutes longer. Then the following week she uploaded a video that was 2 times as long as the first week. How many minutes did she upload total?

Week 1	11
Week 2		9
Week 3		

5. __**46**__

4) On Monday morning a store had 16 customer. In the afternoon they had 5 fewer customers than the morning. In the evening they had 4 times as many customers as the morning. How many customers did they have total?

Morning	16
Afternoon		5
Evening				

5) In a school district the elementary school earned $11 fundraising. The high school earned 3 times as much as the elementary school and the middle school earned $9 less than the elementary. How much did they earn total?

Elementary	11
Middle		9
High			