Solve each problem using a tape diagram.

1) Vanessa created an app that she put on the app store. In the first day 15 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?

1. _____

2. _____

3. _____

4. _____

2) Robin uploaded a video to youtube that was 14 minutes long. The next week she uploaded a video that was 6 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?

5. _____

3) In one day a restaurant used 13 knives. They used 5 more forks than they used knives. They also used 5 as many spoons as knives. How many utensils do they use in a day?

4) 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.
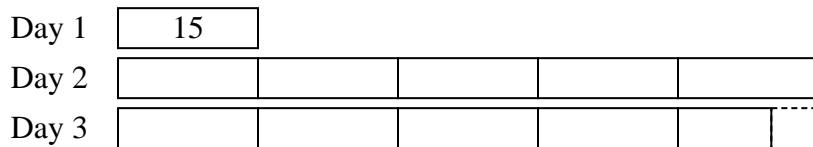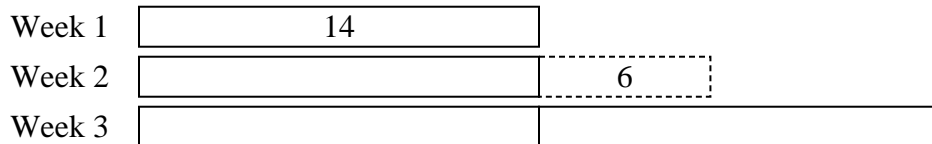
5) Jerry was reading a book. He read 25 pages on Monday and 9 times as many pages on Tuesday. On Wednesday he read 5 fewer pages than the amount he read on Tuesday. How many pages did he read total?
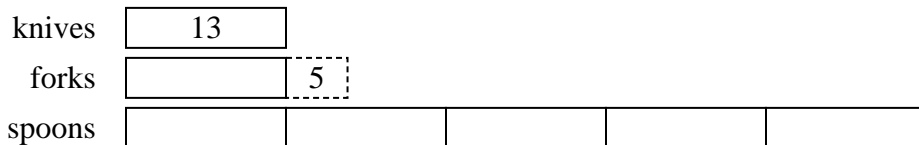
Solve each problem using a tape diagram.

Answers

1) Vanessa created an app that she put on the app store. In the first day 15 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?
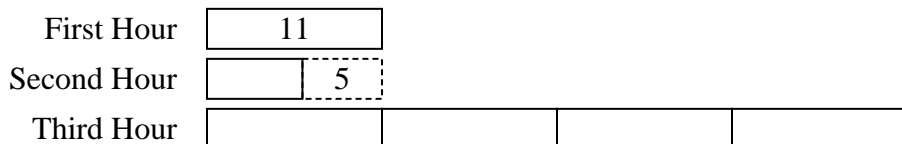
Day 1	15
Day 2					
Day 3					

1. _____ **160**

2. _____ **62**

2) Robin uploaded a video to youtube that was 14 minutes long. The next week she uploaded a video that was 6 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?
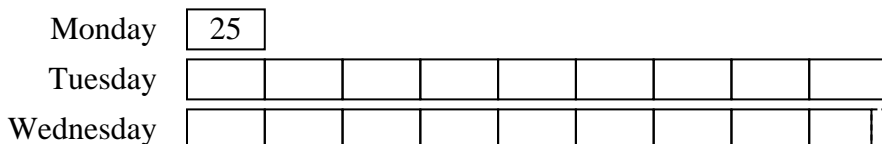
Week 1	14
Week 2		6
Week 3		

3. _____ **96**

4. _____ **61**

3) In one day a restaurant used 13 knives. They used 5 more forks than they used knives. They also used 5 as many spoons as knives. How many utensils do they use in a day?

knives	13
forks		5
spoons					

5. _____ **470**

4) 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				

5) Jerry was reading a book. He read 25 pages on Monday and 9 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	25
Tuesday									
Wednesday									

1-5 | 80 | 60 | 40 | 20 | 0 |