Solve each problem using a tape diagram.

Ex) A chef was ordering vegetables for his restaurant. He order $882 worth of potatoes. He also spent $6/9$ as much on tomatoes. Finally he spent $5/6$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

Ex. _____**490**_____

1. _____

2. _____

3. _____

1) Paige was trying to determine the weight of a small rock. She determined the small rock was $1/3$ as heavy as a medium rock. The medium rock was $3/6$ as heavy as a large rock. The large rock weighed 270 grams. How heavy was the small rock?

4. _____

2) At the school fundraiser Adam earned $736. Bianca earned $6/8$ as much as Adam. And Cathy earned $2/6$ as much as Bianca. How much did Cathy earn?
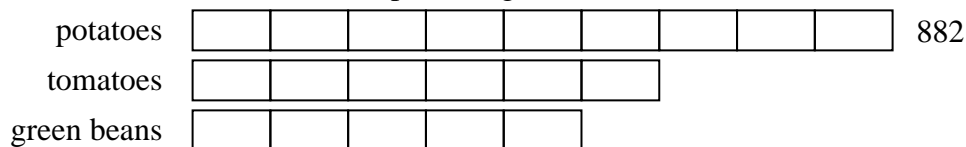
3) Bianca was looking at her Nintendo collection. She had 77 wiiU games. She had $2/7$ as many DS games and $1/2$ as many 3ds games as DS games. How many 3ds games does she have?

4) On Super Bowl Sunday a store sold 272 sodas. They sold $3/8$ as many bags of chips. They also sold $2/3$ as many jars of dip as bags of chips. How many jars of dip did they sell?
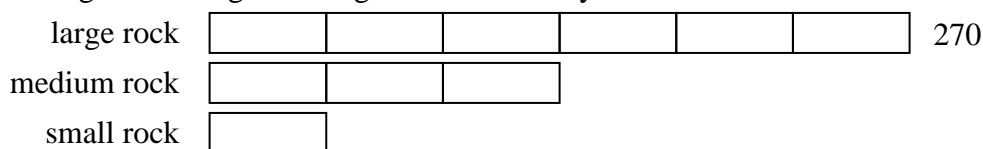
Solve each problem using a tape diagram.

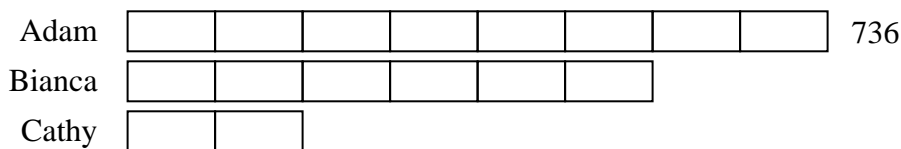**Ex)** A chef was ordering vegetables for his restaurant. He order $882 worth of potatoes. He also spent $6/9$ as much on tomatoes. Finally he spent $5/6$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

potatoes | 882

tomatoes

green beans

Ex. **490**

1. **45**

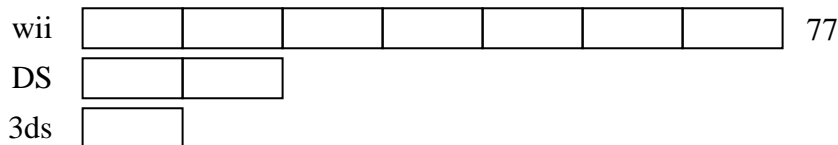**1)** Paige was trying to determine the weight of a small rock. She determined the small rock was $1/3$ as heavy as a medium rock. The medium rock was $3/6$ as heavy as a large rock. The large rock weighed 270 grams. How heavy was the small rock?
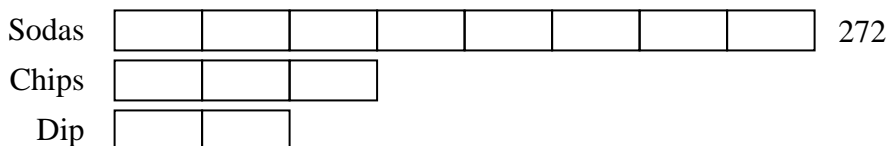
large rock | 270

medium rock

small rock

2. **184**

3. **11**

4. **68**

2) At the school fundraiser Adam earned $736. Bianca earned $6/8$ as much as Adam. And Cathy earned $2/6$ as much as Bianca. How much did Cathy earn?

Adam | 736

Bianca

Cathy

3) Bianca was looking at her Nintendo collection. She had 77 wiiU games. She had $2/7$ as many DS games and $1/2$ as many 3ds games as DS games. How many 3ds games does she have?

wii | 77

DS

3ds

4) On Super Bowl Sunday a store sold 272 sodas. They sold $3/8$ as many bags of chips. They also sold $2/3$ as many jars of dip as bags of chips. How many jars of dip did they sell?

Sodas | 272

Chips

Dip