Solve each problem using a tape diagram.

Ex) Gwen was trying to determine the weight of a small rock. She determined the small rock was $2/4$ as heavy as a medium rock. The medium rock was $4/9$ as heavy as a large rock. The large rock weighed 819 grams. How heavy was the small rock?

Ex. _____**182**_____

1. _____

2. _____

3. _____

1) At the school fundraiser Adam earned $522. Bianca earned $5/6$ as much as Adam. And Cathy earned $1/5$ as much as Bianca. How much did Cathy earn?

4. _____

2) On Super Bowl Sunday a store sold 279 sodas. They sold $6/9$ as many bags of chips. They also sold $5/6$ as many jars of dip as bags of chips. How many jars of dip did they sell?

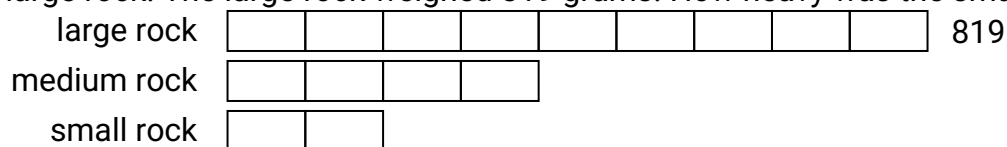**3)** Amy was looking at her Nintendo collection. She had 544 wiiU games. She had $4/8$ as many DS games and $3/4$ as many 3ds games as DS games. How many 3ds games does she have?

4) Two years ago the fair had $1/6$ as many people as 1 year ago. 1 year ago the fair had $6/10$ as many people as this year. This year the fair had 950 people. How many people did the fair have 2 years ago?
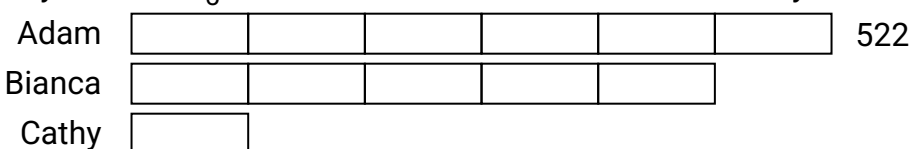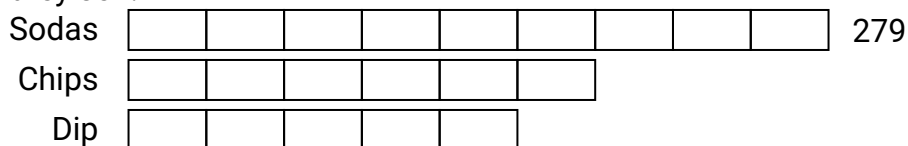
Solve each problem using a tape diagram.

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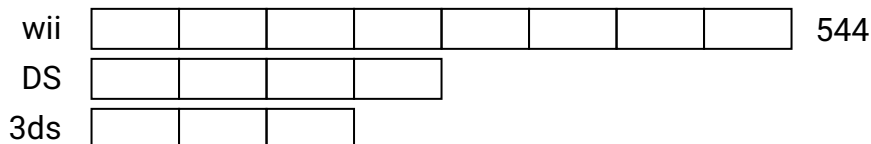
large rock ▭ 819
medium rock ▭
small rock ▭

Ex. ___**182**___

1. ___**87**___

2. ___**155**___

3. ___**204**___

4. ___**95**___

1) At the school fundraiser Adam earned $522. Bianca earned $^5/_6$ as much as Adam. And Cathy earned $^1/_5$ as much as Bianca. How much did Cathy earn?
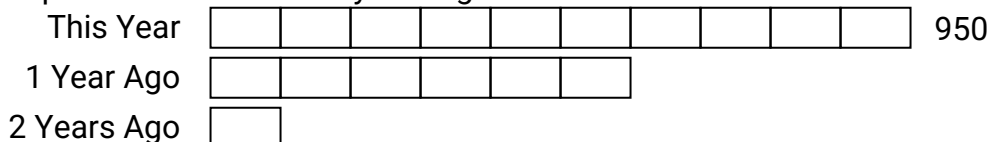
Adam ▭ 522
Bianca ▭
Cathy ▭

2) On Super Bowl Sunday a store sold 279 sodas. They sold $^6/_9$ as many bags of chips. They also sold $^5/_6$ as many jars of dip as bags of chips. How many jars of dip did they sell?

Sodas ▭ 279
Chips ▭
Dip ▭

3) Amy was looking at her Nintendo collection. She had 544 wiiU games. She had $^4/_8$ as many DS games and $^3/_4$ as many 3ds games as DS games. How many 3ds games does she have?

wii ▭ 544
DS ▭
3ds ▭

4) Two years ago the fair had $^1/_6$ as many people as 1 year ago. 1 year ago the fair had $^6/_{10}$ as many people as this year. This year the fair had 950 people. How many people did the fair have 2 years ago?

This Year ▭ 950
1 Year Ago ▭
2 Years Ago ▭