Fraction Comparisons With Tape Diagram

Name:

Solve each problem using a tape diagram.

Answers

Ex) Faye was looking at her Nintendo collection. She had 464 wiiU games. She had $5/8$ as many DS games and $1/5$ as many 3ds games as DS games. How many 3ds games does she have?

1) Two years ago the fair had $1/3$ as many people as 1 year ago. 1 year ago the fair had $3/6$ as many people as this year. This year the fair had 216 people. How many people did the fair have 2 years ago?

2) A chef was ordering vegetables for his restaurant. He order $640 worth of potatoes. He also spent $4/8$ as much on tomatoes. Finally he spent $3/4$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

3) Vanessa was trying to determine the weight of a small rock. She determined the small rock was $4/5$ as heavy as a medium rock. The medium rock was $5/7$ as heavy as a large rock. The large rock weighed 511 grams. How heavy was the small rock?
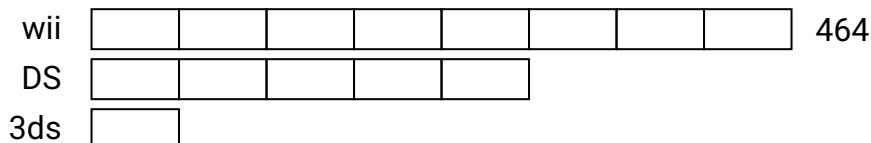
4) On Super Bowl Sunday a store sold 324 sodas. They sold $4/9$ as many bags of chips. They also sold $3/4$ as many jars of dip as bags of chips. How many jars of dip did they sell?

Answers

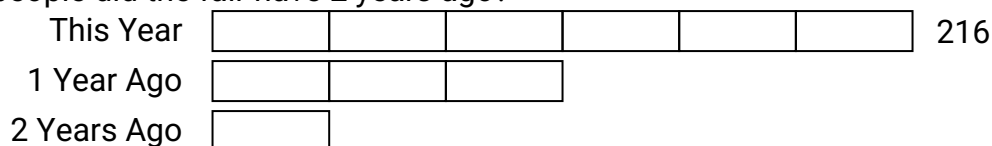Ex. _____ **58**

1. _____

2. _____

3. _____

4. _____

1-4 | 75 | 50 | 25 | 0

Name:

Solve each problem using a tape diagram.

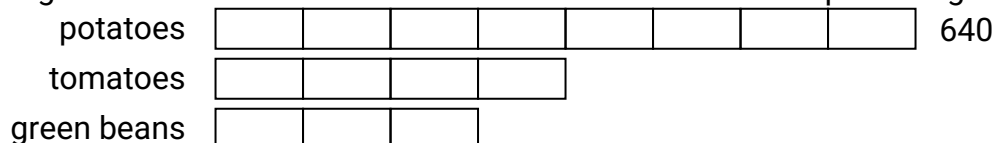**Ex)** Faye was looking at her Nintendo collection. She had 464 wiiU games. She had $5/8$ as many DS games and $1/5$ as many 3ds games as DS games. How many 3ds games does she have?

wii [   ] 464

DS [   ]

3ds [ ]

Ex. **58**

1. **36**

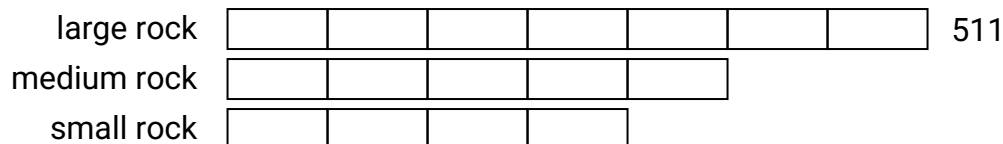**1)** Two years ago the fair had $1/3$ as many people as 1 year ago. 1 year ago the fair had $3/6$ as many people as this year. This year the fair had 216 people. How many people did the fair have 2 years ago?

This Year [   ] 216

1 Year Ago [   ]

2 Years Ago [ ]

2. **240**

3. **292**

2) A chef was ordering vegetables for his restaurant. He order \$640 worth of potatoes. He also spent $4/8$ as much on tomatoes. Finally he spent $3/4$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

potatoes [   ] 640

tomatoes [   ]

green beans [   ]

4. **108**

3) Vanessa was trying to determine the weight of a small rock. She determined the small rock was $4/5$ as heavy as a medium rock. The medium rock was $5/7$ as heavy as a large rock. The large rock weighed 511 grams. How heavy was the small rock?

large rock [   ] 511

medium rock [   ]

small rock [   ]

4) On Super Bowl Sunday a store sold 324 sodas. They sold $4/9$ as many bags of chips. They also sold $3/4$ as many jars of dip as bags of chips. How many jars of dip did they sell?

Sodas [   ] 324

Chips [   ]

Dip [   ]