

tomatoes. How much did he spend on green beans?

Sarah was looking at her Nintendo collection. She had 348 wiiU games. She had $\frac{2}{6}$ as many DS games and $\frac{1}{2}$ as many 3ds games as DS games. How many 3ds games does she have?

A chef was ordering vegetables for his restaurant. He order \$378 worth of potatoes. He also spent $\frac{5}{7}$ as much on tomatoes. Finally he spent $\frac{2}{5}$ as much on green beans as he did on

- Answers
- 1. _____
- 2.
- 4. _____
- 5.

3) Gwen was trying to determine the weight of a small rock. She determined the small rock was $\frac{4}{9}$ as heavy as a medium rock. The medium rock was $\frac{9}{10}$ as heavy as a large rock. The large rock weighed 490 grams. How heavy was the small rock?

On Super Bowl Sunday a store sold 600 sodas. They sold $\frac{3}{8}$ as many bags of chips. They also sold $\frac{1}{3}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

Two years ago the fair had $\frac{1}{4}$ as many people as 1 year ago. 1 year ago the fair had $\frac{4}{5}$ as many people as this year. This year the fair had 130 people. How many people did the fair have 2 years ago?



<u>Answers</u>

58

108

196

26

Name:

Solve each problem using a tape diagram.

Sarah was looking at her Nintendo collection. She had 348 wiiU games. She had $\frac{2}{6}$ as many DS games and $\frac{1}{2}$ as many 3ds games as DS games. How many 3ds games does she have?

wii				348
DS			-	
3ds				

2) A chef was ordering vegetables for his restaurant. He order \$378 worth of potatoes. He also spent $\frac{5}{7}$ as much on tomatoes. Finally he spent $\frac{2}{5}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

	-			
potatoes				378
tomatoes				
green beans				

3) Gwen was trying to determine the weight of a small rock. She determined the small rock was $\frac{4}{9}$ as heavy as a medium rock. The medium rock was $\frac{9}{10}$ as heavy as a large rock. The large rock weighed 490 grams. How heavy was the small rock?

•	_	_		•			
large rock							490
medium rock							
small rock							

4) On Super Bowl Sunday a store sold 600 sodas. They sold $\frac{3}{8}$ as many bags of chips. They also sold $\frac{1}{3}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

3	5 5	1	. •		1	5 5	1	
Sodas								600
Chips]				
Dip								

Two years ago the fair had $\frac{1}{4}$ as many people as 1 year ago. 1 year ago the fair had $\frac{4}{5}$ as many people as this year. This year the fair had 130 people. How many people did the fair have 2 years ago?

c 2 years ago	•			
This Year				130
1 Year Ago				
2 Years Ago				

2



have?

Solve each problem using a tape diagram.

At the school fundraiser Adam earned \$133. Bianca earned $\frac{6}{7}$ as much as Adam. And Cathy earned $\frac{1}{6}$ as much as Bianca. How much did Cathy earn?

Rachel was looking at her Nintendo collection. She had 588 wiiU games. She had $\frac{3}{7}$ as

many DS games and $\frac{2}{3}$ as many 3ds games as DS games. How many 3ds games does she

Answers

- 1. _____
- 3.
- 4.
- 5. ____

3) On Super Bowl Sunday a store sold 639 sodas. They sold $\frac{5}{9}$ as many bags of chips. They also sold $\frac{3}{5}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

4) A chef was ordering vegetables for his restaurant. He order \$200 worth of potatoes. He also spent $\frac{2}{10}$ as much on tomatoes. Finally he spent $\frac{1}{2}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

Two years ago the fair had $\frac{2}{4}$ as many people as 1 year ago. 1 year ago the fair had $\frac{4}{5}$ as many people as this year. This year the fair had 100 people. How many people did the fair have 2 years ago?



Answer Key

Name:

Solve each problem using a tape diagram.

At the school fundraiser Adam earned \$133. Bianca earned $\frac{6}{7}$ as much as Adam. And Cathy earned $\frac{1}{6}$ as much as Bianca. How much did Cathy earn?

Adam 133
Bianca Cathy

Rachel was looking at her Nintendo collection. She had 588 wiiU games. She had $\frac{3}{7}$ as many DS games and $\frac{2}{3}$ as many 3ds games as DS games. How many 3ds games does she have?

wii 588
DS 3ds

On Super Bowl Sunday a store sold 639 sodas. They sold $\frac{5}{9}$ as many bags of chips. They also sold $\frac{3}{5}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

Sodas 63
Chips Dip

4) A chef was ordering vegetables for his restaurant. He order \$200 worth of potatoes. He also spent $\frac{2}{10}$ as much on tomatoes. Finally he spent $\frac{1}{2}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

potatoes 200 tomatoes green beans

Two years ago the fair had $\frac{2}{4}$ as many people as 1 year ago. 1 year ago the fair had $\frac{4}{5}$ as many people as this year. This year the fair had 100 people. How many people did the fair have 2 years ago?

This Year 100

1 Year Ago

19

168

213

40

80 | 60 | 40 |



- At the school fundraiser Adam earned \$222. Bianca earned $\frac{2}{6}$ as much as Adam. And Cathy earned $\frac{1}{2}$ as much as Bianca. How much did Cathy earn?
- . _____

Answers

- 3. _____
- 4. _____
- 5. _____

3) A chef was ordering vegetables for his restaurant. He order \$540 worth of potatoes. He also spent $\frac{4}{6}$ as much on tomatoes. Finally he spent $\frac{3}{4}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

On Super Bowl Sunday a store sold 150 sodas. They sold $\frac{2}{6}$ as many bags of chips. They

also sold $\frac{1}{2}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

4) Two years ago the fair had $\frac{3}{5}$ as many people as 1 year ago. 1 year ago the fair had $\frac{5}{7}$ as many people as this year. This year the fair had 420 people. How many people did the fair have 2 years ago?

5) Nancy was trying to determine the weight of a small rock. She determined the small rock was $\frac{4}{5}$ as heavy as a medium rock. The medium rock was $\frac{5}{8}$ as heavy as a large rock. The large rock weighed 624 grams. How heavy was the small rock?



Name:

222

624

Solve each problem using a tape diagram.

At the school fundraiser Adam earned \$222. Bianca earned $\frac{2}{6}$ as much as Adam. And Cathy earned $\frac{1}{2}$ as much as Bianca. How much did Cathy earn?

Adam Bianca

Cathy

On Super Bowl Sunday a store sold 150 sodas. They sold $\frac{2}{6}$ as many bags of chips. They also sold $\frac{1}{2}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

> **Sodas** Chips

Dip

A chef was ordering vegetables for his restaurant. He order \$540 worth of potatoes. He also spent $\frac{4}{6}$ as much on tomatoes. Finally he spent $\frac{3}{4}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

potatoes tomatoes green beans

Two years ago the fair had $\frac{3}{5}$ as many people as 1 year ago. 1 year ago the fair had $\frac{5}{7}$ as many people as this year. This year the fair had 420 people. How many people did the fair have 2 years ago?

This Year 420 1 Year Ago

2 Years Ago

Nancy was trying to determine the weight of a small rock. She determined the small rock was $\frac{4}{5}$ as heavy as a medium rock. The medium rock was $\frac{5}{8}$ as heavy as a large rock. The large rock weighed 624 grams. How heavy was the small rock?

large rock medium rock

<u>Answers</u>

270

180

312

small rock



Two years ago the fair had $\frac{2}{5}$ as many people as 1 year ago. 1 year ago the fair had $\frac{5}{10}$ as many people as this year. This year the fair had 310 people. How many people did the fair have 2 years ago?

On Super Bowl Sunday a store sold 255 sodas. They sold $\frac{2}{5}$ as many bags of chips. They

also sold $\frac{1}{2}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

<u>Answers</u>

1.

4.

5. _____

At the school fundraiser Adam earned \$970. Bianca earned $\frac{9}{10}$ as much as Adam. And Cathy earned $\frac{5}{9}$ as much as Bianca. How much did Cathy earn?

4) A chef was ordering vegetables for his restaurant. He order \$80 worth of potatoes. He also spent $\frac{3}{8}$ as much on tomatoes. Finally he spent $\frac{2}{3}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

Nancy was looking at her Nintendo collection. She had 198 wiiU games. She had $\frac{3}{6}$ as many DS games and $\frac{1}{3}$ as many 3ds games as DS games. How many 3ds games does she have?

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Answer Key

Answers

62

51

485

33

Name:

Two years ago the fair had $\frac{2}{5}$ as many people as 1 year ago. 1 year ago the fair had $\frac{5}{10}$ as many people as this year. This year the fair had 310 people. How many people did the fair have 2 years ago?

This Year 310 1 Year Ago 2 Years Ago

On Super Bowl Sunday a store sold 255 sodas. They sold $\frac{2}{5}$ as many bags of chips. They also sold $\frac{1}{2}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

Sodas Chips Dip

At the school fundraiser Adam earned \$970. Bianca earned $\frac{9}{10}$ as much as Adam. And Cathy earned $\frac{5}{9}$ as much as Bianca. How much did Cathy earn?

Adam 970 Bianca Cathy

A chef was ordering vegetables for his restaurant. He order \$80 worth of potatoes. He also spent $\frac{3}{8}$ as much on tomatoes. Finally he spent $\frac{2}{3}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

potatoes tomatoes green beans

Nancy was looking at her Nintendo collection. She had 198 wiiU games. She had $\frac{3}{6}$ as many DS games and $\frac{1}{3}$ as many 3ds games as DS games. How many 3ds games does she have?

wii DS

3ds



have 2 years ago?

- At the school fundraiser Adam earned \$216. Bianca earned $\frac{7}{8}$ as much as Adam. And Cathy earned $\frac{2}{7}$ as much as Bianca. How much did Cathy earn?
- . _____

<u>Answers</u>

- · -
- 3.
- 4. _____
- 5.

3) Gwen was trying to determine the weight of a small rock. She determined the small rock was $\frac{3}{7}$ as heavy as a medium rock. The medium rock was $\frac{7}{8}$ as heavy as a large rock. The large rock weighed 184 grams. How heavy was the small rock?

Two years ago the fair had $\frac{2}{5}$ as many people as 1 year ago. 1 year ago the fair had $\frac{5}{6}$ as many people as this year. This year the fair had 396 people. How many people did the fair

4) A chef was ordering vegetables for his restaurant. He order \$567 worth of potatoes. He also spent $\frac{3}{9}$ as much on tomatoes. Finally he spent $\frac{2}{3}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

On Super Bowl Sunday a store sold 259 sodas. They sold $\frac{3}{7}$ as many bags of chips. They also sold $\frac{2}{3}$ as many jars of dip as bags of chips. How many jars of dip did they sell?



Name:

259

Solve each problem using a tape diagram.

At the school fundraiser Adam earned \$216. Bianca earned $\frac{7}{8}$ as much as Adam. And Cathy earned $\frac{2}{7}$ as much as Bianca. How much did Cathy earn?

Adam 216
Bianca Cathy

Two years ago the fair had $\frac{2}{5}$ as many people as 1 year ago. 1 year ago the fair had $\frac{5}{6}$ as many people as this year. This year the fair had 396 people. How many people did the fair have 2 years ago?

This Year 396

1 Year Ago 2 Years Ago

3) Gwen was trying to determine the weight of a small rock. She determined the small rock was $\frac{3}{7}$ as heavy as a medium rock. The medium rock was $\frac{7}{8}$ as heavy as a large rock. The large rock weighed 184 grams. How heavy was the small rock?

large rock 18
medium rock small rock 18

4) A chef was ordering vegetables for his restaurant. He order \$567 worth of potatoes. He also spent $\frac{3}{9}$ as much on tomatoes. Finally he spent $\frac{2}{3}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

potatoes 567 tomatoes green beans

On Super Bowl Sunday a store sold 259 sodas. They sold $\frac{3}{7}$ as many bags of chips. They also sold $\frac{2}{3}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

Sodas Chips Dip

132

____54

69

_{4.} 126

_{5.} 74



Two years ago the fair had $\frac{2}{5}$ as many people as 1 year ago. 1 year ago the fair had $\frac{5}{8}$ as many people as this year. This year the fair had 496 people. How many people did the fair have 2 years ago?

At the school fundraiser Adam earned \$450. Bianca earned $\frac{5}{6}$ as much as Adam. And

Cathy earned $\frac{3}{5}$ as much as Bianca. How much did Cathy earn?

Answers

3. _____

4. _____

5. _____

Gwen was looking at her Nintendo collection. She had 232 wiiU games. She had $\frac{2}{8}$ as many DS games and $\frac{1}{2}$ as many 3ds games as DS games. How many 3ds games does she have?

4) Debby was trying to determine the weight of a small rock. She determined the small rock was $\frac{2}{3}$ as heavy as a medium rock. The medium rock was $\frac{3}{9}$ as heavy as a large rock. The large rock weighed 90 grams. How heavy was the small rock?

5) A chef was ordering vegetables for his restaurant. He order \$496 worth of potatoes. He also spent $\frac{5}{8}$ as much on tomatoes. Finally he spent $\frac{4}{5}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

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Name:

Solve each problem using a tape diagram.

Two years ago the fair had $\frac{2}{5}$ as many people as 1 year ago. 1 year ago the fair had $\frac{5}{8}$ as many people as this year. This year the fair had 496 people. How many people did the fair have 2 years ago?

This Year 496

1 Year Ago 2 Years Ago

2) At the school fundraiser Adam earned \$450. Bianca earned $\frac{5}{6}$ as much as Adam. And Cathy earned $\frac{3}{5}$ as much as Bianca. How much did Cathy earn?

Adam 450
Bianca Cathy

Gwen was looking at her Nintendo collection. She had 232 wiiU games. She had $\frac{2}{8}$ as many DS games and $\frac{1}{2}$ as many 3ds games as DS games. How many 3ds games does she have?

wii 232
DS 3ds

4) Debby was trying to determine the weight of a small rock. She determined the small rock was $\frac{2}{3}$ as heavy as a medium rock. The medium rock was $\frac{3}{9}$ as heavy as a large rock. The large rock weighed 90 grams. How heavy was the small rock?

large rock 90
medium rock small rock

5) A chef was ordering vegetables for his restaurant. He order \$496 worth of potatoes. He also spent $\frac{5}{8}$ as much on tomatoes. Finally he spent $\frac{4}{5}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

potatoes tomatoes green beans

- 124
- **2. 225**
 - 3. **29**
- _{4.} **20**
- _{5.} **248**



Two years ago the fair had $\frac{3}{4}$ as many people as 1 year ago. 1 year ago the fair had $\frac{4}{6}$ as many people as this year. This year the fair had 102 people. How many people did the fair have 2 years ago?

On Super Bowl Sunday a store sold 552 sodas. They sold $\frac{6}{8}$ as many bags of chips. They

also sold $\frac{3}{6}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

<u>Answers</u>

1.

2

4.

5.

3) A chef was ordering vegetables for his restaurant. He order \$940 worth of potatoes. He also spent $\frac{6}{10}$ as much on tomatoes. Finally he spent $\frac{4}{6}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

Debby was looking at her Nintendo collection. She had 330 wiiU games. She had $\frac{4}{6}$ as many DS games and $\frac{1}{4}$ as many 3ds games as DS games. How many 3ds games does she have?

5) At the school fundraiser Adam earned \$392. Bianca earned $\frac{7}{8}$ as much as Adam. And Cathy earned $\frac{1}{7}$ as much as Bianca. How much did Cathy earn?

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Name:

Solve each problem using a tape diagram.

Two years ago the fair had $\frac{3}{4}$ as many people as 1 year ago. 1 year ago the fair had $\frac{4}{6}$ as many people as this year. This year the fair had 102 people. How many people did the fair have 2 years ago?

This Year | 102

1 Year Ago | 2 Years Ago | 102

On Super Bowl Sunday a store sold 552 sodas. They sold $\frac{6}{8}$ as many bags of chips. They also sold $\frac{3}{6}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

Sodas Chips Dip

3) A chef was ordering vegetables for his restaurant. He order \$940 worth of potatoes. He also spent $\frac{6}{10}$ as much on tomatoes. Finally he spent $\frac{4}{6}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

potatoes 940 tomatoes green beans

Debby was looking at her Nintendo collection. She had 330 wiiU games. She had $\frac{4}{6}$ as many DS games and $\frac{1}{4}$ as many 3ds games as DS games. How many 3ds games does she have?

wii 330
DS 3ds

At the school fundraiser Adam earned \$392. Bianca earned $\frac{7}{8}$ as much as Adam. And Cathy earned $\frac{1}{7}$ as much as Bianca. How much did Cathy earn?

Adam 392
Bianca Cathy

- ____51
- 2. **207**
- 3. **376**
- _{4.} 55
- 5. **49**



tomatoes. How much did he spend on green beans?

On Super Bowl Sunday a store sold 576 sodas. They sold $\frac{3}{6}$ as many bags of chips. They also sold $\frac{2}{3}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

A chef was ordering vegetables for his restaurant. He order \$402 worth of potatoes. He also spent $\frac{4}{6}$ as much on tomatoes. Finally he spent $\frac{3}{4}$ as much on green beans as he did on

- <u>Answers</u>
- 1. _____
- 2
 - 4. _____
- 5. ____

Gwen was looking at her Nintendo collection. She had 315 wiiU games. She had $\frac{4}{5}$ as many DS games and $\frac{1}{4}$ as many 3ds games as DS games. How many 3ds games does she have?

4) At the school fundraiser Adam earned \$456. Bianca earned $\frac{2}{8}$ as much as Adam. And Cathy earned $\frac{1}{2}$ as much as Bianca. How much did Cathy earn?

5) Nancy was trying to determine the weight of a small rock. She determined the small rock was $\frac{2}{4}$ as heavy as a medium rock. The medium rock was $\frac{4}{5}$ as heavy as a large rock. The large rock weighed 345 grams. How heavy was the small rock?



Answer Key

<u>Answers</u>

192

201

57

138

Name:

Solve each problem using a tape diagram.

On Super Bowl Sunday a store sold 576 sodas. They sold $\frac{3}{6}$ as many bags of chips. They also sold $\frac{2}{3}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

. 3	<i>j</i> j	·	6	r	J J.	F	
Sodas							576
Chips							
Dip]				

2) A chef was ordering vegetables for his restaurant. He order \$402 worth of potatoes. He also spent $\frac{4}{6}$ as much on tomatoes. Finally he spent $\frac{3}{4}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

potatoes				402
tomatoes				
green beans				

Gwen was looking at her Nintendo collection. She had 315 wiiU games. She had $\frac{4}{5}$ as many DS games and $\frac{1}{4}$ as many 3ds games as DS games. How many 3ds games does she have?

wii			315
DS			
3ds			

At the school fundraiser Adam earned \$456. Bianca earned $\frac{2}{8}$ as much as Adam. And Cathy earned $\frac{1}{2}$ as much as Bianca. How much did Cathy earn?

Adam					456
Bianca					
Cathy					

5) Nancy was trying to determine the weight of a small rock. She determined the small rock was $\frac{2}{4}$ as heavy as a medium rock. The medium rock was $\frac{4}{5}$ as heavy as a large rock. The large rock weighed 345 grams. How heavy was the small rock?

8	 	 	
large rock			345
medium rock			
small rock			



Sarah was looking at her Nintendo collection. She had 243 wiiU games. She had $\frac{8}{9}$ as many DS games and $\frac{1}{8}$ as many 3ds games as DS games. How many 3ds games does she have?

<u>Answers</u>

- 1. _____
- 2.
- 2) A chef was ordering vegetables for his restaurant. He order \$470 worth of potatoes. He also spent $\frac{3}{5}$ as much on tomatoes. Finally he spent $\frac{2}{3}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?
- 5. ____

3) Gwen was trying to determine the weight of a small rock. She determined the small rock was $\frac{1}{3}$ as heavy as a medium rock. The medium rock was $\frac{3}{10}$ as heavy as a large rock. The large rock weighed 430 grams. How heavy was the small rock?

4) On Super Bowl Sunday a store sold 830 sodas. They sold $\frac{6}{10}$ as many bags of chips. They also sold $\frac{2}{6}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

At the school fundraiser Adam earned \$110. Bianca earned $\frac{4}{5}$ as much as Adam. And Cathy earned $\frac{2}{4}$ as much as Bianca. How much did Cathy earn?



Name:

Solve each problem using a tape diagram.

Sarah was looking at her Nintendo collection. She had 243 wiiU games. She had $\frac{8}{9}$ as many DS games and $\frac{1}{8}$ as many 3ds games as DS games. How many 3ds games does she have?

wii						243
DS						
3ds		-		-	-	

2) A chef was ordering vegetables for his restaurant. He order \$470 worth of potatoes. He also spent $\frac{3}{5}$ as much on tomatoes. Finally he spent $\frac{2}{3}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

potatoes			470
tomatoes			
green beans			

3) Gwen was trying to determine the weight of a small rock. She determined the small rock was $\frac{1}{3}$ as heavy as a medium rock. The medium rock was $\frac{3}{10}$ as heavy as a large rock. The large rock weighed 430 grams. How heavy was the small rock?

-	-	_		-			
large rock							430
medium rock							
small rock							

On Super Bowl Sunday a store sold 830 sodas. They sold $\frac{6}{10}$ as many bags of chips. They also sold $\frac{2}{6}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

U	• •		U				
Sodas							830
Chips							
Dip							

5) At the school fundraiser Adam earned \$110. Bianca earned $\frac{4}{5}$ as much as Adam. And Cathy earned $\frac{2}{4}$ as much as Bianca. How much did Cathy earn?

+		-	
Adam			110
Bianca			
Cathy			

- 27
- 2. **188**
- 3.

166

11



have 2 years ago?

1) Sarah was trying to determine the weight of a small rock. She determined the small rock was $\frac{3}{4}$ as heavy as a medium rock. The medium rock was $\frac{4}{8}$ as heavy as a large rock. The large rock weighed 544 grams. How heavy was the small rock?

Two years ago the fair had $\frac{2}{3}$ as many people as 1 year ago. 1 year ago the fair had $\frac{3}{6}$ as many people as this year. This year the fair had 156 people. How many people did the fair

· _____

Answers

- ____
- 3. _____
- 4. _____
- 5.

3) Gwen was looking at her Nintendo collection. She had 560 wiiU games. She had $\frac{2}{7}$ as many DS games and $\frac{1}{2}$ as many 3ds games as DS games. How many 3ds games does she have?

4) At the school fundraiser Adam earned \$910. Bianca earned $\frac{7}{10}$ as much as Adam. And Cathy earned $\frac{5}{7}$ as much as Bianca. How much did Cathy earn?

On Super Bowl Sunday a store sold 570 sodas. They sold $\frac{2}{10}$ as many bags of chips. They also sold $\frac{1}{2}$ as many jars of dip as bags of chips. How many jars of dip did they sell?



<u>Answers</u>

204

Name:

570

Solve each problem using a tape diagram.

1) Sarah was trying to determine the weight of a small rock. She determined the small rock was $\frac{3}{4}$ as heavy as a medium rock. The medium rock was $\frac{4}{8}$ as heavy as a large rock. The large rock weighed 544 grams. How heavy was the small rock?

large rock | 544

medium rock | small rock |

2) Two years ago the fair had $\frac{2}{3}$ as many people as 1 year ago. 1 year ago the fair had $\frac{3}{6}$ as many people as this year. This year the fair had 156 people. How many people did the fair have 2 years ago?

This Year 156

1 Year Ago 2 Years Ago

Gwen was looking at her Nintendo collection. She had 560 wiiU games. She had $\frac{2}{7}$ as many DS games and $\frac{1}{2}$ as many 3ds games as DS games. How many 3ds games does she have?

wii _______ 560
DS _______
3ds _____

At the school fundraiser Adam earned \$910. Bianca earned $\frac{7}{10}$ as much as Adam. And Cathy earned $\frac{5}{7}$ as much as Bianca. How much did Cathy earn?

Adam 910
Bianca Cathy

On Super Bowl Sunday a store sold 570 sodas. They sold $\frac{2}{10}$ as many bags of chips. They also sold $\frac{1}{2}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

Sodas Chips Dip