	Fraction Comparisons With Tape Diagram Name:		
Solve each problem using a tape diagram.			<u>Answers</u>
Ex)	Vanessa was trying to determine the weight of a small rock. She determined the small rock was $\frac{1}{2}$ as heavy as a medium rock. The medium rock was $\frac{2}{6}$ as heavy as a large rock. The large rock weighed 450 grams. How heavy was the small rock?	Ex.	75
		-	
		^{1.} -	
		2.	
		3	
1)	Olivia was looking at her Nintendo collection. She had 456 wiiU games. She had $\frac{2}{6}$ as	4.	
	many DS games and $\frac{1}{2}$ as many 3ds games as DS games. How many 3ds games does she		
	have?		
2)	On Super Bowl Sunday a store sold 480 sodas. They sold $\frac{5}{6}$ 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?		
3)	Two years ago the fair had $\frac{1}{3}$ as many people as 1 year ago. 1 year ago the fair had $\frac{3}{10}$ as many people as this year. This year the fair had 380 people. How many people did the fair		
	have 2 years ago?		
4)	2.		
-)	At the school fundraiser Adam earned \$285. Bianca earned $\frac{2}{5}$ as much as Adam. And		
	Cathy earned $\frac{1}{2}$ as much as Bianca. How much did Cathy earn?		

1

	Fraction Comparisons With Tape Diagram Name: An	swer Key
Solv	e each problem using a tape diagram.	
Ex)	e each problem using a tape diagram. Vanessa was trying to determine the weight of a small rock. She determined the small rock was $\frac{1}{2}$ as heavy as a medium rock. The medium rock was $\frac{2}{6}$ as heavy as a large rock. The large rock weighed 450 grams. How heavy was the small rock? large rock 450 medium rock 450 Olivia was looking at her Nintendo collection. She had 456 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 456	Answers Ex. 75 1. 76 2. 240 3. 38 4. 57
2)	DS 3ds On Super Bowl Sunday a store sold 480 sodas. They sold $\frac{5}{6}$ 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 480 Chips Dip	
3) 4)	Two years ago the fair had $\frac{1}{3}$ as many people as 1 year ago. 1 year ago the fair had $\frac{3}{10}$ as many people as this year. This year the fair had 380 people. How many people did the fair have 2 years ago? This Year	
	Cathy earned ¹ / ₂ as much as Bianca. How much did Cathy earn? Adam 285 Bianca Cathy Math1	1-4 75 50 25 0