Fraction Comparisons With Tape Diagram Name:					
Solve	<u>Answers</u>				
Ex)	Tiffany was looking at her Nintendo collection. She had 414 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?	Ex. <u>69</u> 1.			
1)	Janet 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 $\frac{3}{7}$ as heavy as a large rock. The large rock weighed 357 grams. How heavy was the small rock?	2 3 4			
2)	At the school fundraiser Adam earned \$160. Bianca earned $\frac{2}{10}$ as much as Adam. And Cathy earned $\frac{1}{2}$ as much as Bianca. How much did Cathy earn?				
3)	A chef was ordering vegetables for his restaurant. He order \$380 worth of potatoes. He also spent $\frac{8}{10}$ as much on tomatoes. Finally he spent $\frac{1}{8}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?				
4)	Two years ago the fair had $\frac{2}{4}$ as many people as 1 year ago. 1 year ago the fair had $\frac{4}{10}$ as many people as this year. This year the fair had 900 people. How many people did the fair have 2 years ago?				

Solve each problem using a tape diagram. Answer Ex) Tiffany was looking at her Nintendo collection. She had 414 wiiU games. She had ⁷ / ₆ as many DS games and ¹ / ₂ as many 3ds games as DS games. How many 3ds games does she have? 69 wii 1 1 414 10 DS 1 414 2. 16 3ds 1 3ds 38 4. 16 3ds 1 Janet 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 / ₇ as heavy as a large rock. The targe rock weighed 357 grams. How heavy was the small rock? 180 at the school fundraiser Adam earned \$160. Bianca earned ² / ₁₀ as much as Adam. And Cathy earned ¹ / ₂ as much as Bianca. How much did Cathy earn? 160 Bianca 160 160 160 Bianca 160 380 380 o tomatoes. How much did he spend on green beans? 380 380 o tomatoes. How much did he spend on green beans? 380 380 f Two years ago the fair had ² / ₄ as many people as 1 year ago. 1 year ago the fair had ⁴ / ₁₀ as many people as this year. This year the fair had 900 people. How many people did the fair have 2 years ago? 900 f Two years ago 10 <		Fraction Comparisons With Tape Diagram Name: An	swe	r Key
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Math www.CommonCorreShorts.com 8	4)	many people as this year. This year the fair had 900 people. How many people did the fair have 2 years ago? This Year 900 1 Year Ago 2 Years Ago 2	1-4	75 50 25 0