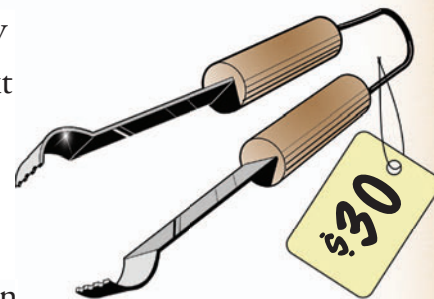
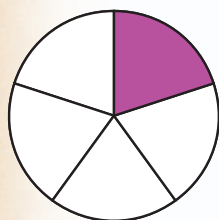


Juan and Wanda grabbed all of their allowance money and headed off to The Pawn Shop. Juan saw an electric guitar that was \$60.00, but he did not have enough money to buy it. Wanda found an electric waffle maker that was on sale for only \$5.00. They shopped until 11:00 a.m. and then they went next door to have lunch at The Prawn Shop. Juan had a Big Prawn sandwich, and Wanda had Prawn Nuggets. Since Juan had bought Wanda's lunch last Thursday, Wanda paid for both of their lunches today. After lunch, they headed back to The Pawn Shop, where Juan ended up spending $\frac{3}{5}$ of his money on barbecue tongs that cost \$30.00. How much money did Juan have to start with?



10



Hint: If you can figure out what one piece of the "pie" is worth, how can you use that information to find the value of the whole pie?



Practice Problem #1

Fraction Two-Step Problems



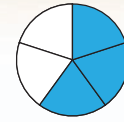
The day broke bright and sunny. Esteban was smiling at 6 a.m. as his feet hit the floor, ready to start a new day. Yesterday had been rough. The Sisters of Infinite Mercy had worked him hard all day long, but today he would have some free time, and he began to wonder what he should do with it. That new “Tae Kwan Do Tiger” movie was out, but of course, his miniature golf game could use some work, too. He decided to mull over the options while he fixed the weight bench at the convent. Five hours later, the Sisters of Infinite Mercy were again pumping iron and Esteban headed to the theater. Unfortunately, the movie was sold out, so he ended up spending $\frac{2}{3}$ of his free time watching a 120-minute documentary about Alpaca farming in the Andes. In all, how much free time did Esteban have that day?

Bifs and Pieces

Fraction Two-Step Problems

Sample Problem

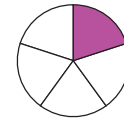
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$$\frac{3}{5} = \$30$$

Divide both sides by 3 to get the value of $\frac{1}{5}$:

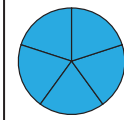
$$\div 3 \quad \div 3$$



$$\frac{1}{5} = \$10$$

Multiply both sides by 5 to find the value of $\frac{5}{5}$:

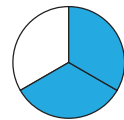
$$\times 5 \quad \times 5$$



$$\frac{5}{5} = \$50$$

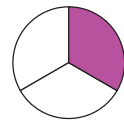
Practice Problem #1

The day broke bright and sunny. Esteban was smiling at 6 a.m. as his feet hit the floor, ready to start a new day. Yesterday had been rough. The Sisters of Infinite Mercy had worked him hard all day long, but today he would have some free time, and he began to wonder what he should do with it. That new "Tai Kwan Do Tiger" movie was out, but of course, his miniature golf game could use some work, too. He decided to mull over the options while he fixed the weight bench at the convent. Five hours later, the Sisters of Infinite Mercy were again pumping iron and Esteban headed to the theater. Unfortunately, the movie was sold out, so he ended up spending $\frac{2}{3}$ of his free time watching a 120-minute documentary about Alpaca farming in the Andes. In all, how much free time did Esteban have that day?



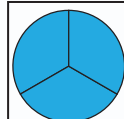
$$\frac{2}{3} = 120 \text{ min}$$

$$\div 2 \quad \div 2$$



$$\frac{1}{3} = 60 \text{ min}$$

$$\times 3 \quad \times 3$$



$$\frac{3}{3} = 180 \text{ min}$$