

MathFLIX CHALLENGE

Mathematical Modeling: Parts-to-Whole with \$

Read to Succeed is an exciting program that encourages students to read for fun. Students who complete six hours of recreational reading earn a free ticket to *Six Flags Great America (GA)*. **Anna, Gabrielle, Ari, Lou, Jamel, Amy, Jack, Lila, Emma, Sam, Pat Terri, Ian and Al** earned free tickets to *Great America*.

Study the example below to understand the pattern the complete the table.

Problem	Model	? \$ Spent	? \$ NOT Spent	Computation (\$ Spent)	Computation (\$ NOT Spent)					
Anna went to GA with \$20 in her wallet. She spent 1/5 of her money.	<table><tr><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td></tr></table>	4	4	4	4	4	\$4	\$16	1/5 x 20	4/5 x 20
4	4	4	4	4						
Gabrielle went to GA with \$20 in her wallet. She spent 2/5 of her money.	<table><tr><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td></tr></table>	4	4	4	4	4				
4	4	4	4	4						
Ari went to GA with \$20 in his wallet. He spent 3/5 of his money.										
Lou went to GA with \$20 in his wallet. He spent 1/4 of his money.	<table><tr><td></td><td></td><td></td><td></td></tr></table>									
Jamel went to GA with \$21 in his wallet. He spent 3/7 of his money.										
Amy went to GA with \$24 in her wallet. She spent 2/3 of her money.										
Lila went to GA with \$24 in her wallet. She spent 5/8 of her money.										
Jack went to GA with \$24 in his wallet. He spent 1/2 of his money.										
Sam, Pat, and Terri went to GA and each had \$12. Sam spent 1/2, Pat spent 2/4 and Terri spent 3/6 of their money.										