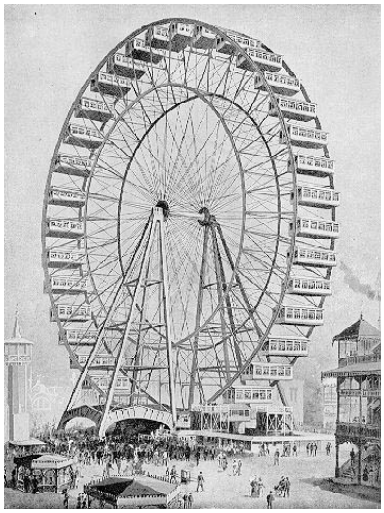
Carnival Ticket Plans

(Exploring Various Graphical Representations)



Name

Period

Date

Prompt: Will any of the 3 plans ever cost the same amount of money?

Plan	***Cost***
Dollar Deal	No Entrance Fee, $1.00 per ticket
Bracelet	Unlimited Tickets with a $12.00 bracelet
Discounted Plan	$4.00 Entrance Fee, with discounted tickets ($0.50/ticket)

Prompt: Will any of the 3 plans ever cost the same amount of money?

Carnival Ticket Plans

Student Name:

Period:

Date:

Plan	Cost
Dollar Deal	No Entrance Fee, $1.00 per ticket
Bracelet	Unlimited Tickets with a $12.00 bracelet
Discounted Plan	$4.00 Entrance Fee, with discounted tickets ($0.50/ticket)

Draft #1 (12-1-2008)

Prompt: Will any of the 3 plans ever cost the same amount of money?

Tabular Representation

Plan	Cost
Dollar Deal	No Entrance Fee, $1.00 per ticket
Bracelet	Unlimited Tickets with a $12.00 bracelet
Discounted Plan	$4.00 Entrance Fee, with discounted tickets ($0.50/ticket)

Prompt: Will any of the 3 plans ever cost the same amount of money?

Graphical Representation

Plan	Cost
Dollar Deal	No Entrance Fee, $1.00 per ticket
Bracelet	Unlimited Tickets with a $12.00 bracelet
Discounted Plan	$4.00 Entrance Fee, with discounted tickets ($0.50/ticket)

Prompt: Will any of the 3 plans ever cost the same amount of money?

Verbal Representation

1. What is the mathematical pattern of the “Dollar Deal” plan?

2. What is the mathematical pattern of the “Bracelet” plan?

3. What is the mathematical pattern of the “Discounted” plan?

4. Will any of the 3 plans ever cost the same amount of money?

Plan	**Cost**
Dollar Deal	No Entrance Fee, $1.00 per ticket
Bracelet	Unlimited Tickets with a $12.00 bracelet
Discounted Plan	$4.00 Entrance Fee, with discounted tickets ($0.50/ticket)