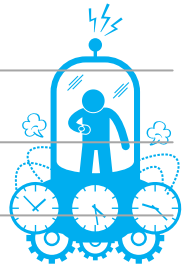Name: _____   Date: _____

Radical Roller Coasters

1. Why do you think roller coasters are so popular? Why do people like being scared?

_____

_____

_____

2. Would you rather travel in a time machine to ride on an icy "Russian Mountain" with Catherine the Great, or the old coal car pulled back up the hill by mules? Explain your choice.
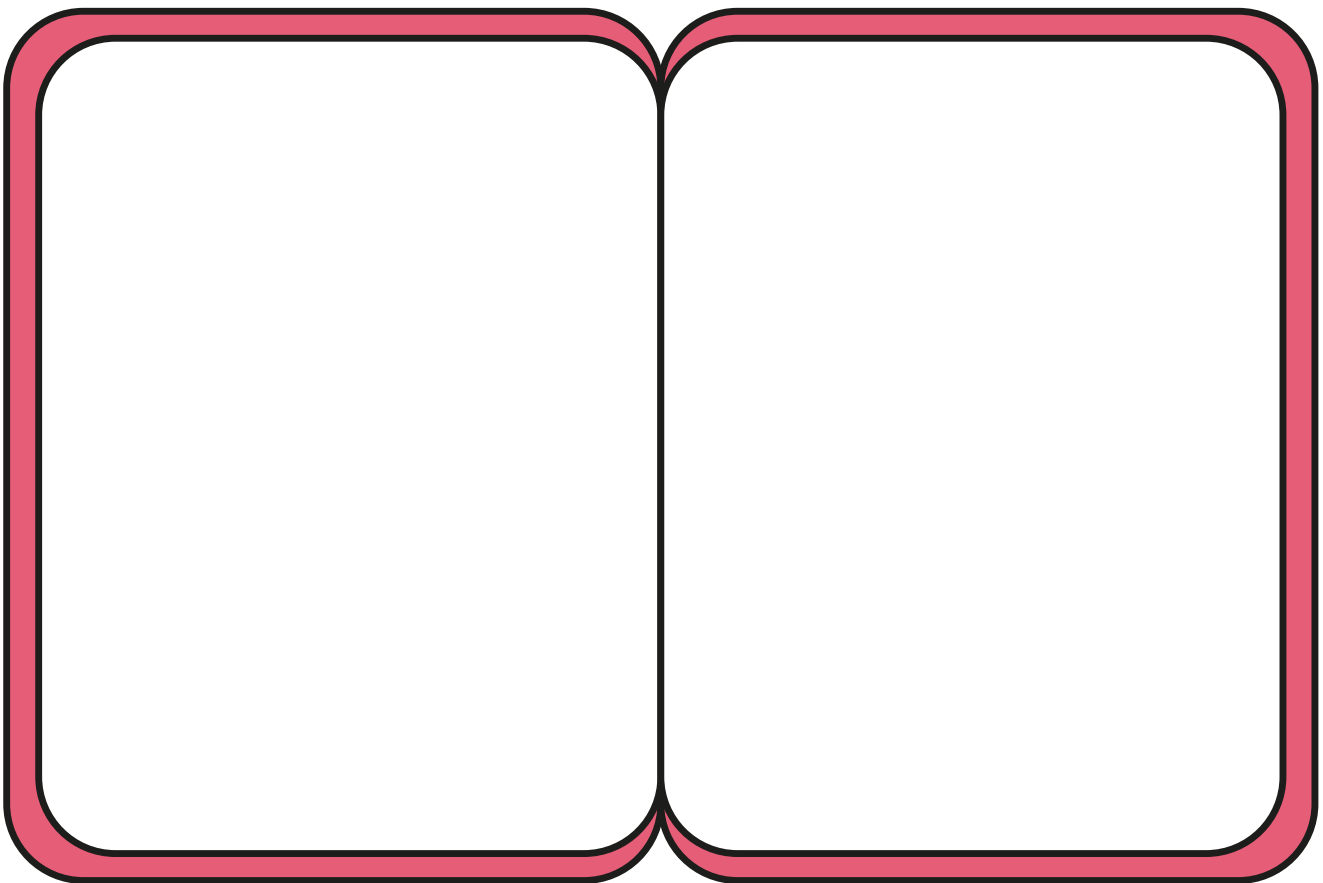
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3. The "celebrity" status of the Russian Empress in the 1600s building a ride of her own helped to spread their popularity. Do you think people today are more or less influenced by celebrities? Explain your answer and give examples where possible.

_____

_____

_____

_____

_____

Catherine the Great: Influencer of the 1600s.

Literal: 2, 4, 5   Inferential: 1, 3   Connection: 1, 2, 3   Critical thinking: 1, 3, 4, 5

4. Explain Bryce's experiment with the bucket of water on the pages below, as if you were writing a science textbook. You may draw and label diagrams.

5. Look at the information below. Do you think it was cheaper to ride a wooden roller coaster in 1884 or 2022? Explain why.

1884: Coney Island
Roller coaster ticket: 5 cents
Factory worker daily pay: $1.25
Cost of a loaf of bread: 4 cents

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2022: Luna Park
Roller coaster ticket: $10.50
Factory worker daily pay: $215
Cost of a loaf of bread: $2.65

Literal: 2, 4, 5   Inferential: 1, 3   Connection: 1, 2, 3   Critical thinking: 1, 3, 4, 5