

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Number: \_\_\_\_\_

Math 9/9H  
4.1a CW #1

### Which is Better?

Ravyn, Jackson, and Sarah are heading to a carnival. They have a couple of options for carnivals:

- They could go to the one in Springville. It cost \$5 to get a wristband and go in, and then it cost \$1 for every two rides they went on.
- They also could go to the one in Spanish Fork. It only cost \$2 for the wristband, but they had to pay \$1 per ride.

**IF YOU COULD ONLY PICK ONE FAIR TO ATTEND, WHICH IS BETTER???**

1) How much would it cost to ride 9 rides in Springville?	2) What is the cost to ride 9 rides in Spanish?
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3) Will one option always be better than the other?

a. If you said “yes,” prove it somehow (pictures, sentence, etc.)

b. If you said “no,” tell me **WHEN** one will stop being better than the other one. Prove it somehow (pictures, sentence, etc.)

