

## Performance-Based Task

<b>Name of Task: FRED'S FABULOUS FRIDAY</b>	<b>Grade Level: 5th</b>
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**BEGIN WITH THE END IN MIND:** What will we learn about the students' mathematical understanding from this task?

Students will demonstrate that they know how to add decimals. Students will demonstrate that they know how to divide a whole number by a decimal. Students will write simple expressions that record calculations with numbers. Students will compare costs of two activities.

**Common Core Content Standards assessed through this task:** (choose 3-5 standards at your grade level that can be clearly assessed through this task. Standards need not be from the same domain but should relate to the task).

- 5.NBT.5 Fluently multiply multi-digit whole numbers using the standard algorithm.
- 5.NBT.7 Add, subtract, multiply, and divide decimals to hundredths....
- 5.OA.2 Write simple expressions that record calculations with numbers, and interpret numerical expressions without evaluating them.

**Standards for Mathematical Practice assessed through this task:** (choose 2-3 Standards for Mathematical Practice that can be clearly assessed through this task.)

- Make sense of problems and persevere in solving them.
- Reason abstractly and quantitatively.
- Model with mathematics.
- Attend to precision.

## Performance-Based Task


Use the space below to outline your task. Keep the following in mind...

Fred's parents decided to allow him to plan his own birthday party scheduled for next Friday. After setting aside money for a cake, drinks, and paper products, Fred's parents gave him a budget of \$175.00. He could spend all of the money on his party or save some to spend on himself. Fred knew he wanted to go to a movie or go skating. The movie tickets cost \$5.50 for the matinee and the kid's snack with drink cost \$5.75. Skating cost \$9.00 for two sessions. For a snack at the skating rink, he would need approximately \$4.50 per child. If Fred chose to go to the movies, how many friends could he take? How many could he take to the skating rink? If you were Fred, which venue would you choose for your party? How many friends would you take? Explain why using pictures, numbers, and words.

### Does this task...

- reflect a real-world task/scenario-based problem?
- require application of mathematical concepts and assess related Common Core content Standards?
- Require students to engage in 2-3 Standards for Mathematical Practice?
- Allow for multiple approaches?
- demand?