

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Due Date: \_\_\_\_\_

When solving the following problem, be sure to:

- 1) Restate the question
- 2) State your answer in a complete sentence (reference the question).
- 3) Explain your solution strategy and include your calculations/work.

## POW Shop 'Til You Drop

Jason earned \$600 over the summer by babysitting. It took him 10 shopping trips to purchase the things he needed for the new school year – school supplies, new clothes and soccer gear. On each trip he spent \$10 more than on the previous trip. After the 10th trip, he had spent all his summer earnings.



How much did Jason spend on the first shopping trip?

Explain how you found your answer.

**Bonus:** How many trips did it take him to spend  $\frac{2}{3}$  of his total earnings?

Explain your thinking.

Please answer the problem on a separate piece of paper. You must include all your calculations and an explanation of how you got your answer. Your paper will be scored in the following way:

- 4 The answer and the bonus are correct, you have included all your calculations, and the explanation is thorough and understandable.
- 3 The answer is correct, you have included all your calculations, and the explanation is complete and clear to the reader.
- 2 The answer is missing one of the items mentioned above.
- 1 The answer is incorrect, and the explanation or calculations are poor or missing.
- 0 Minimal or no effort was made to solve the problem.
- All late work is marked down a grade.