

3 Act Problem: _____

Name: _____ Date: _____

Act 1 The introduction

What do you **notice**?

What do you **wonder**?

What **problem** are we trying to solve?

Make an educated **guess**!

Low



Your estimate



High

Act 2 Collect data and solve

What information do you **NEED** to know? What do you need to:

measure...

calculate...

look up...

in order to solve this?

Act 2 Collect data and solve

Calculations and workspace

Calculations and workspace

What is your answer?

Act 3 The conclusion

What was the **correct answer**?

How does this compare with **your answer**?

How does this compare with your **estimate**?

Outline the **mathematical concepts** you used to arrive at your solution.

Describe the **strategies** you used to arrive at your solution.

The Sequel Where to from here?

What could you **investigate** next? Why?