

Team: _____

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What's the Problem?

Step 1. What is the problem or issue?

Step 2. What are some ways of solving the problem?

Step 3: Compare each alternative solution to the problem, and write down what is known and what you need to find out about each alternative.

Alternative	What is known	What we need to find out



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Step 4. What are the advantages and disadvantages of each alternative?

Alternative	Advantage	Disadvantages

Step 5. Which advantages and disadvantages are critical? Cross out those that do not really matter; these are just confusing extras.

Step 6. Which of the alternatives seem to best solve the problem, considering the advantages and disadvantages of each?

Step 7: Be prepared to share your results with the rest of the class.