

# POW #11

## THE FIELD TRIP

The fifth-grade students are planning a field trip to the Monterey Bay Aquarium in Monterey. There are 120 students, 4 teachers and 8 parents. The aquarium charges \$2.00 per student, no charge for teachers or parents.

It costs \$50 an hour to charter a bus. A bus will hold 56 people, two in a seat, and up to as many as 84 people, three in a seat.

You will charter the bus/buses for 8 hours.

- A.** What is the cost of the trip per student if you do 3 to a seat?
- B.** What is the cost of the trip per student if you do 2 to a seat.

\*Remember, parents and teachers need to ride the bus too, but won't pay.

### POW GUIDELINES

*1. Complete heading*

**2. Problem Statement.**

In your own words, tell what you are asked to do--include the essential details and the question.

**3. Process.**

Show all your work. Refer to the problem to give reasons for each step. Write enough (several paragraphs) to show that you really tried to solve the problem.

**4. Solution.**

Write your answer in a sentence which refers to the problem. Explain why your answer makes sense. Show a check if you can.

**5. Evaluation.**

Write complete sentences to answer these questions:

- How do you feel about this POW? Why?
- Did anyone help you?
- Does this remind you of any other problem?
- Tell one thing you learned.
- What rubric score should you get? Why?

**EXTENSIONS.** (Extensions are optional) If the POW is easy for you, try the extensions. Write a paragraph for each--the extensions do not require 4-part write-ups.



**FIRST EXTENSION:** Describe a way for the fifth graders to raise some money to help pay for the field trip.

**SECOND EXTENSION:** Propose an alternative field trip. Evaluate the strengths and weaknesses of each plan.