

Problem-Solving Decision: Explain Your Solution

Problem The teachers at West Elementary School are planning a field trip for 385 students. It will cost \$1,750 for transportation and \$3,080 for tickets to the museum. If the teachers charge each student \$12, will they have enough money to cover the costs of the field trip?

UNDERSTAND

What is the question?

How many students are going on the field trip?

What is the cost for:

a. transportation? _____

b. museum tickets? _____

How much do the teachers plan to charge each student?

PLAN

How could estimating help solve the problem? _____

SOLVE

Find the total cost of the trip.

Estimate the amount of money the teachers will collect from the students.

Did you solve the problem? If not, find an exact answer.

What is the solution?

LOOK BACK

Explain why your solution needed to be exact or why an estimate was sufficient.
