

The teacher will need to see all of your work. Check (x) off each one as you use it. Be sure to include the following:

- Pictures, charts, graphs, or t-tables that support your explanation
- A written explanation with detailed sentences
- The equation or number sentence
- The answer (Ask yourself: Is my answer reasonable? Why or why not?)
- The solution in more than one way or related to other situations

Teacher Use Only

Analytical Score:

Understanding N A P E

Strategy/Reasoning N A P E

Communication N A P E

Holistic Score N A P E

Name: _____ Grade: _____ Date: _____

Teacher: _____ School: _____

Fund Raising Riddle

A new middle school in Albuquerque would like to buy a Laser Disk Player in order to set up a Multimedia Lab in the library. The cost of the Laser Disk Player is \$656.95. The school also needs the CD-ROM packet of information to use in the lab that currently sells for \$545.00.

The principal must decide between 2 ways to acquire the money for the equipment needed.

One way would be to sell ice cream to the school's population of 1100 students at \$1.00 a bar. However, similar sales in the past have resulted in an average daily sale of only 1/6 of the total population.

The other way to raise funds is to have a bake sale. In the past, sales have occurred twice a week, and have sold 30 items for \$0.75 a piece.

Which is the best way for the principal to raise the money? Why? Explain your choice and how you made it.