

Basketball Camp

Katie won a 7-day scholarship worth \$1000 to the Pro Shot Basketball Camp, but she will have to make some decisions about how to spend the money.

- ◆ Round trip travel expenses to the camp are \$335 by air or \$125 by train.
- ◆ At the camp she must choose between a week of individual instruction at \$60 per day or a week of group instruction at \$40 per day.
- ◆ Katie's food and other living expenses are fixed at \$45 per day (they cannot change - you must include them).

If she cannot add more money to the scholarship award, **what are all the possible choices of travel and instruction plans?**

- **Find all of the possible choices for Katie, showing your calculations in an organized method.**
 - **Decide how you would recommend that Katie spend her award.**
 - **Write Katie a brief letter to her explaining your thinking.**
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HOW YOU WILL BE GRADED:

PUNCTUALITY

_____ Assignment turned in on the due date. [10 points]

ORGANIZATION OF INFORMATION:

_____ Information is disorganized. [10 pts]

Some attempt evident to organize the information, but only partially successful. [20 pts]

Organization of information is clear; reflects differentiation between fixed and variable expenses. [30 pts]

COMPUTATIONAL ACCURACY:

_____ Major errors in calculation, resulting in erroneous conclusions. [10 pts]

Some computational errors, resulting in minor errors and conclusions. [20 pts]

No computational errors. [30 pts]

LETTER OF EXPLANATION:

_____ Explanation is muddled and difficult to follow. [10 pts]

Intent of the explanation is fairly clear, but not well executed. [20 pts]

Explanation is clear, revealing understanding of trade-offs. [30 pts]

_____ **TOTAL POINTS/GRADE**