

Outfits

Maria is going to visit her cousins for the weekend. She packs a pair of purple pants, a pair of jeans, and a pair of blue shorts. For shirts she takes a blue tee shirt, a white tank top, and yellow blouse, and a green shirt. In addition, she has three pairs of socks: White, yellow, and blue.

- How many different outfits can she make?
- Use a picture or table to organize the information.
- Write a detailed and specific description of how you figured out your answer.

HOW YOU WILL BE GRADED:

PUNCTUALITY

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

ORGANIZATION OF INFORMATION (FORMAT):

_____ Information is randomly presented - there is no apparent method of organization. [5 pts]
Some attempt to organize the information; however the system is inefficient. [10 pts]
Organization of information shows recognition of the patterns inherent in the situation. [20 pts]

METHOD OF SOLUTION:

_____ Either no method used or method completely inappropriate. [5 pts]
Appropriate method used, but either not fully executed or based on rote application only. [10 pts]
Method used highly elegant and efficient, revealing comprehensive understanding. [20 pts]

ACCURACY:

_____ Findings are wildly inaccurate. [5 pts]
Solution is only slightly inaccurate, resulting from errors in counting or multiplying. [10 pts]
Solution is accurate; calculations demonstrate understanding of the structure of the problem. [20 pts]

EXPLANATION:

_____ Description either missing or reveals an approach to the problem only by trial and error. [5 pts]
Description reveals limited attempt to use a systematic approach, but not entirely. [15 pts]
Description is efficient and clear, revealing understanding of a systematic approach. [30 pts]

_____ **TOTAL POINTS/GRADE**