

Homework Assignment 5E1

(To be used following Lesson 23)

Name: _____ Date: _____

Regina has a choice of clothing to wear to the football game. She can wear a red, white, yellow, or pink top. She can choose black, blue or gray slacks. She can choose a pair of flip flops, tennis shoes, sandals, or heels for shoes. How many different combinations can be made with the tops, slacks, and shoes? What are the possible combinations?

1. Display the data in the story problem in a list to determine the possible combinations.

Lessons 20-24 Subconcept: Basic concepts of probability and discrete mathematics can be applied to everyday experiences.

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2. Use a multiplication number sentence to determine the number of possible combinations.

3. Display the data in the story problem in a tree diagram to determine the possible combinations.

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