

Name _____ Class _____ Student # _____ Date _____

Probability Quiz

Directions: Read the information. Make a LIST, GRID, or DIAGRAM in the middle box. In the last box, write out the problem and answer using labels in the last box. Your answer should look like the example.

| PROBLEM | LIST, GRID, OR DIAGRAM (20 points EACH) | ANSWER (5 points EACH) |
|---|---|--|
| <p>Ex. 3 ice cream flavors and 5 toppings</p> | <p>ice cream 1, topping 1 ice cream 1, topping 2 ice cream 1, topping 3 ice cream 1, topping 4 ice cream 1, topping 5 ice cream 2, topping 1 ice cream 2, topping 2 ice cream 2, topping 3 ice cream 2, topping 4 ice cream 2, topping 5 ice cream 3, topping 1 ice cream 3, topping 2 ice cream 3, topping 3 ice cream 3, topping 4 ice cream 3, topping 5</p> | <p>$3 \times 5 = 15$ ice cream and topping combinations</p> |
| <p>1. 4 sandwiches (cheeseburger, tuna, roast beef, turkey), 3 sides (French fries, chips, salad), 2 desserts (cake, cookies)</p> | | |
| <p>2. Toss a dice (1-6), spin a spinner (red, yellow, blue), flip a coin (heads, tails)</p> | | |

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|---|--|--|
| <p>3. 5 shirts (red, gold, black, white, pink), 4 bottoms (skirt, jeans, pants, shorts)</p> | | |
| <p>4. 4 kinds of flowers (rose, daisy, carnation, sunflower), 6 colors of ribbon (red, silver, white, blue, black, green), 3 kinds of fabric (satin, cotton, polyester)</p> | | |