Name _____ Date _____

Generate Frequencies Through Design - Matching Worksheet

Write the letter of the answer that matches the problem.

_____ 1. At a party, we play different games. One game asks us to pick a pencil and then pick a color inside the bag. There are 7 pencils and 4 colors in each bag. How many choices are possible for the player?

_____ 2. Logan has two play boxes. One box contains 4 different colored balls. And the other box contains 3 bats all of different lengths. How many choices are possible for Logan?

_____ 3. Ms. Mary has two cooks. One is male and other one is female. The cooks each prepare 4 meals (A, B, C, D) a day. The meals are placed in the refrigerator. How many different meals are in the refrigerator?

_____ 4. Our neighbor, Mr. William collects CDs of old songs. He places all of his CDs in red or blue cases. He keeps 50 CDs of old songs in a case. How many possible arrangements could the CDs be in?

_____ 5. Mr. Richard has a daughter Alice. Mr. Richard buys games for Alice often. She has 12 different blocks and a set of 4 shapes. Mr. Richard randomly grabs a block and a shape. How many possible arrangements of shapes and blocks are there?

_____ 6. Julia has a die and 10 different balls. She wants to roll the die and take a ball. How many outcomes are possible?

_____ 7. Bonny has 3 cards and a die. She wants to pick a card and spin a die at random. How many outcomes are possible?

a. 48

b. 18

c. 12

d. 28

e. 8

f. 60

g. 100