

**Solve each problem.**

- 1) At a football game Cameron was allowed to get one type of food and one type of drink. The menu is shown below.

| Food      | Drink |
|-----------|-------|
| Hamburger | Juice |
| Pizza     | Water |
| Nachos    | Soda  |
| Hotdog    | Punch |
|           | Milk  |

How many different combinations does he have to choose from?

- 3) At Mike's Pizza Palace you can order one type of pizza and one drink for \$9. Their menu is shown below.

| Pizza     | Drink |
|-----------|-------|
| Pepperoni | Juice |
| Cheese    | Punch |
| Bacon     | Soda  |
| Anchovies |       |

How many different combinations of pizza and drink do you have to choose from?

- 5) Robin was allowed to pick one candy and one drink at a Halloween party. The types are listed below.

| Candy       | Drink |
|-------------|-------|
| Taffy       | Soda  |
| Jelly Beans | Punch |
| Nerds       |       |
| Chocolate   |       |

How many different combinations could she make?

- 2) At a summer camp a team can choose a name, a color and a mascot. The choices are listed below.

| Name    | Color  | Mascot |
|---------|--------|--------|
| Alpha   | Black  | Eagle  |
| Delta   | White  | Shark  |
| Gamma   | Yellow | Wolf   |
| Beta    | Blue   |        |
| Epsilon |        |        |

How many different combinations are there to choose from?

- 4) Emily was trying to decide which salad to order for lunch.

| Salad     | Dressing    |
|-----------|-------------|
| Ham       | French      |
| Fruit     | Italian     |
| Vegetable | Ranch       |
| Chef      | Ginger      |
| Caesar    | Vinaigrette |

If each salad comes with 1 dressing, how many different combinations does she have to choose from?

- 6) Olivia was creating a card for her friend. She can use one paper color and one sticker from the selection below.

| Paper  | Sticker   |
|--------|-----------|
| Green  | Heart     |
| Red    | Thumbs up |
| Blue   |           |
| Orange |           |

How many different combinations could she make?

**Answers**

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_



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| Blue   |           |
| Orange |           |

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**Answers**

1. **20**
2. **60**
3. **12**
4. **25**
5. **8**
6. **8**