## Solve each problem.

Answers

1) Kaleb was buying chips and dip for his party. The choices he has are listed below.

| Chips | Dip |
| :---: | :---: |
| Scoop | Ranch |
| Square | Cheese |
| Triangle | Salsa |
| Round | Onion |
| Oval |  |

If he gets one type of chip and one type of dip, how many different combinations can he choose from?
3) At a summer camp a team can choose a name, a color and a mascot. The choices are listed below.

| Name | Color | Mascot |
| :---: | :---: | :---: |
| Delta | Pink | Eagle |
| Beta | Blue | Hornet |
|  | Black |  |
|  | White |  |

How many different combinations are there to choose from?
5) Adam was trying to decide what to wear for his first day of school. The clothes in his closet are listed below.

| Shirt Color | Bottom |
| :---: | :---: |
| White | Kilt |
| Orange | Pants |
| Yellow |  |
| Green |  |
| Blue |  |

How many different outfits choices does he have?
2) Lana was allowed to pick one candy and one drink at a Halloween party. The types are listed below.

| Candy | Drink |
| :---: | :---: |
| Nerds | Soda |
| Chocolate | Lemonade |
| Jelly Beans | Juice |
| Toffee |  |
| Taffy |  |

How many different combinations could she make?
4) A video game lets you choose a characters hair style, hair color and their class. Their choices are listed below.

| Hair Style | Hair Color | Class |
| :---: | :---: | :---: |
| Short | Green | Mage |
| Long | Red | Monk |
| Spiky | Brown |  |
|  | Blonde |  |

How many different combinations do you have to choose from?
6) A baker lets customers pick one type and color of icing and one color of sprinkles. Her menu is below.

| Cake | Icing | Sprinkles |
| :---: | :---: | :---: |
| Strawberry | Purple | White |
| Marble | White | Purple |
| Vanilla |  |  |
| Ice Cream |  |  |
| Lemon |  |  |

How many different combinations can you choose from?

1. $\qquad$
2. $\qquad$
3. $\qquad$
4. $\qquad$
5. $\qquad$
6. $\qquad$

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| Ice Cream |  |  |
| Lemon |  |  |

How many different combinations can you choose from?

Answers

1. 20
2. $\qquad$
3. $\qquad$
4. $\qquad$
5. $\qquad$
6. $\qquad$
