Jason is making loot bags for his birthday. Each loot bag gets a pencil, a chocolate bar, and a balloon. The choices for each are as follows:

- smiley face or stars pencil
- Smarties, KitKat, or Aero
- red, blue or yellow balloon

A. How many different combinations of loot bag prizes are possible?

B. What is the probability a loot bag will have:

- a KitKat?
- a yellow balloon?
- a smiley face pencil and a blue balloon?
- a star pencil, Smarties and a red balloon?

Each morning, Julie likes to pick her clothing randomly from her dresser drawers. She needs to pick a t-shirt, and pair of pants, and a pair of socks. Her choices are:

- **T-shirts: red, blue, green, yellow**
- **Pants: blue, brown**
- **Socks: white, black**

How many possible outfits can she make?
What is the probability she will pick:

       -blue pants?

       -a yellow t-shirt and brown pants?

       -black pants and white socks?

       -2 pieces of the outfit that are the same colour?

Express each probability as a fraction and a percent.