

1. A drama club is holding tryouts for a spring play. With six men and eight women auditioning for the leading male and female roles, how many ways can the director cast his leading couple?

*(3 points)*

A. 12

B. 24

C. 36

✓ D. 48

2. During a local campaign, eight Republican and five Democratic candidates are nominated for president of the school board. If the president is to be one of the candidates, how many possibilities are there for the eventual winner?  
(3 points)

A. 1

B. 8

✓ C. 13

D. 40

3. A local business has a snack shop with a menu consisting of six kinds of muffins, eight kinds of sandwiches, and five different beverages (hot coffee, hot tea, iced tea, cola, and orange juice). Suppose you are asked to get a friend a lunch comprised of a muffin and a hot beverage or a sandwich and a cold beverage. How many lunches could you choose from?

*(3 points)*

- A. 12
- B. 24
- ✓ C. 36
- D. 48